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**Volume**

**#**

**R0320**

BOOK A-320

INDEX DIAGRAM.

Township 7 S., Range 7 W.

15 30	6	210 5	207 4	206 3	2	205 1
211		209				
16 30	7	213 8	9	10	11	12
18		17	16	15	14	13
19		20	21	22	23	24
30		20	28	27	26	25
31		32	33	34	35	36

Meanders Page 31 - 35 Ret. U.S.R. Res. S. Bd.  
60 - 67 miles

## PRELIMINARY OATHS OF ASSISTANTS.

We, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of \_\_\_\_\_

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



We, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



We, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## INDEX DIAGRAM.

Township 6 S., Range 7 W.

	127	110	98	86	74	
126	125	109	96	85	73	
124	108	95	84	72	12	
123	122	107	95	83	71	
121	117	106	94	82	70	13
120	119	105	93	81	69	
118	20	104	91	80	68	24
117	116	103	90	80	67	
114	20	102	89	78	66	25
113	112	100	88	75	65	
111	32	99	87	77	64	26
47	48	49	50	51	52	53
Meanders Page						

## PRELIMINARY OATHS OF ASSISTANTS.

WE, ..... and .....  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

....., Chainman.

....., Chainman

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
                  {



WE, ..... and .....  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

....., Moundman.

....., Moundman

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
                  {



WE, ..... and .....  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

....., Axman.

....., Axman.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
                  {



I, ..... do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of .....

....., Flagman.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
                  {



BOOK A-320

INDEX DIAGRAM.

Township 7 S., Range 8 W.

140	6	173	5	169	4	164	3	160	2	156	1
141	7	177	8	170	9	165	10	162	11	158	12
142	18	180	17	173	10	168	15		14		13
	19		20		21		22		23		24
	30		20		28		27		26		25
	31		32		33		34		35		36

Meanders Page

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey o

\_\_\_\_\_, Chairman

\_\_\_\_\_, Chairman

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 190 }



WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

\_\_\_\_\_, Moundman

\_\_\_\_\_, Moundman

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 190 }



WE, \_\_\_\_\_ and \_\_\_\_\_  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

\_\_\_\_\_, Axman

\_\_\_\_\_, Axman

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 190 }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Flagman

Subscribed and sworn to before me this \_\_\_\_\_ }  
day of \_\_\_\_\_, 190 }



## INDEX DIAGRAM.

Township 5 S., Range 9 W.

225	6	324	5	308	4	296	3	284	2	272	1
323		322		307		295		283		271	
226	7	321	8	306	9	294	10	281	11	270	12
320		320		305		293		281		269	
227	18	318	17	303	16	292	15	280	14	269	13
318		316		302		291		279		267	
228	10	315	20	301	21	289	22	278	23	266	24
314		313		300		288		277	31	265	
229	80	312	29	299	28	287	27	275	26	268	25
256		311		310		298		286		265	
231	81	309	82	297	83	285	84	273	85	262	86
233		234		235		236		237		238	
Meanders Page											

## PRELIMINARY OATHS OF ASSISTANTS.

We ..... and .....  
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, Chainman

, Chainman

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
  {



We, ..... and .....  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

, Moundman

, Moundman

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
  {

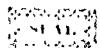


We, ..... and .....  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman

, Axman

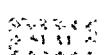
Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
  {



I, ..... do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey o

, Flagman

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
  {



BOOK A-320

INDEX DIAGRAM.

Township 6 S., Range 9 W.

350	6	440 460	5	424 423	4	413 412	3	399 398	2	388 455	1
351	7	437 456	8	422 421	9	411 410	10	397 396	11	386 455	12
352	18	434 433	17	420 421	16	410 411	15	395 394	14	384 453	13
353	19	431 430	20	418 419	21	405 406	22	394 393	23	382 452	24
354	20	429 428	21	429 428	22	416 415	23	393 392	24	381 451	25
355	20	428 427	21	416 415	22	403 402	23	392 391	24	380 450	25
356	21	425 424	22	414 413	23	401 402	24	389 388	25	378 377	26
357	22	360 361	23	361 362	24	363 364	25	364 365	26	365 366	27

Meanders Page

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of \_\_\_\_\_

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



BOOK A-320

FILED  
SEP 12 1904

O.W.G.

G:

## FIELD NOTES

OF THE SURVEY OF THE

WEST BOUNDARY

OF

Township No. 7 South, Range No. 7 West

Of the Uintah Special Base and Meridian,

Utah

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyors,  
their  
Under his Contract No. 281, dated July 22, 190

Survey commenced June 21, 190

Survey completed June 31, 190

6-161

Surf 159.00  
Clay 14.50

**BOOK A-320**

**NAMES AND DUTIES OF ASSISTANTS.**

J. Franklin Duffin ..... Chairman

Angus M. Woodbury ..... Chairman

John T. Woodbury Jr. ..... Moundman

William Burridge ..... Moundman

Quinby Stewart ..... Axman

George W. Worthen ..... Axman

Ashton S. Nebeker ..... Flagman.

BOOK A-320

INDEX DIAGRAM.

Township 7<sup>th</sup> South, Range 7<sup>th</sup> West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page

## PRELIMINARY OATHS OF ASSISTANTS.

WE, J. Franklin Daffin and Angus M. Woodbury, solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the S. bdy. S. 6 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; S. bds. T. 6 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; S. bdy. S. 5 $\frac{1}{2}$ , R. 11 $\frac{1}{2}$ , of the Uintah Special Base and Meridian.

J. Franklin Daffin, Chainman.  
Angus M. Woodbury, Chainman.

Subscribed and sworn to before me this 21<sup>st</sup>  
day of June, 1904. 189



Clarence S. Jarvis,

U. S. Deputy Surveyor.

WE, John T. Woodbury Jr. and William Burridge, solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of the S. bdy. S. 6 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; S. and S. bds. T. 6 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; S. and S. bds. T. 5 $\frac{1}{2}$ , R. 11 $\frac{1}{2}$ , of the Uintah Special Base and Meridian.

John T. Woodbury, Moundman.  
William Burridge, Moundman.

Subscribed and sworn to before me this 21<sup>st</sup>  
day of June, 1904. 189



Clarence S. Jarvis,

U. S. Deputy Surveyor.

WE, Quincy Stewart and George W. Worthen, solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of the S. bdy. S. 6 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; S. and S. bds. T. 6 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; and S. and S. bds. T. 5 $\frac{1}{2}$ , R. 11 $\frac{1}{2}$ , of the Uintah Special Base and Meridian.

Quincy Stewart, Axman.  
George W. Worthen, Axman.

Subscribed and sworn to before me this 21<sup>st</sup>  
day of June, 1904. 189



Clarence S. Jarvis,

U. S. Deputy Surveyor.

I, Ashton S. Recker, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the S. bdy. S. 6 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 7 $\frac{1}{2}$ ; S. and S. bds. T. 6 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; N. bdy. S. 7 $\frac{1}{2}$ , R. 9 $\frac{1}{2}$ ; S. and S. bds. T. 5 $\frac{1}{2}$ , R. 11 $\frac{1}{2}$ , of the Uintah Special Base and Meridian.

Ashton S. Recker, Flagman.

Subscribed and sworn to before me this 21<sup>st</sup>  
day of June, 1904. 189



Clarence S. Jarvis,

U. S. Deputy Surveyor.

West boundary of T 7 S R 7 W

Survey commenced June 21, 1904, and executed with a W. and L. E. Gurley light mountain transit, No -, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

At the cor. of Tps. 6 and 7 S., R. 7 and 8 W., heretofore described latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 46' 16''$  W., At 1 h 28.0 m a.m., l.m.t., I obs. Pol. at eastern elong. in accordance with the Manual, and mark a point in the line thus determined, on a peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Pol.  $1^{\circ} 34.4'$  to the west and mark a point in the mer. thus determined by cutting a small groove in a stone set firmly in the ground, 5.00 chs. N. of the cor.

At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 55' N.$ , on the lat. arc;  $33^{\circ} 28' N.$ , on the decl. arc; and mark a point in the mer. determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls 0.32 ins. east of the mer. established by Polaris obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the mer. at 7 h 30 m a.m., is  $N. 16^{\circ} 42' W.$ , the angle thus determined gives the mag. decl.  $16^{\circ} 42' E.$

Note: For complete test of instrument see notes of Sub-division of T. 6 S., R. 7 W.

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From the above described cor. I run South, on a true line bet. secs. 1 and 6.

Over mountainous land; through scattering timber and scat-

West boundary of T 7 S R 7 W -Continued

Chs. tering undergrowth  $\frac{1}{2}$

Desc.

35.00 Road from Colton to elaterite mine,bears N.60° E. and S. 60° W.

56.50 Creek,5 lks.wide,4 ins.deep,in bottom of left hand fork of Indian Canon, course N.70° E.

Asc.

37.00 Enter heavy timber,bears N.70° E. and S.70° W.

40.00 Set a sandstone,18x8x5 ins.,12 ins.in the ground ,for  $\frac{1}{2}$  sec.cor..mkd. $\frac{1}{2}$  on W.face;from which

An aspen,4 ins.dia.,bears N.70° E.,30 lks.  
dist..mkd. $\frac{1}{2}$  S 6 B T.

An aspen,5 ins.dia.,bears N.85° W.,50 lks.  
dist..mkd.  $\frac{1}{2}$  S 1 B T.

51.00 Top of spur,80 ft.above canon,bears NE and SW.

Desc.

80.00 Set a sandstone,18x12x4 ins.,12 ins.in the ground,for cor.of secs.1,6,7, and 12,mkd.with 1 notch on N.and 5 notches on S.edges;from which

A balsam.,8 ins.dia.,bears S.35° W.,140 lks.  
dist..mkd.T 7 S R 8 W S 12 B T.

A red pine,12 ins.dia.,bears N.20° W.,75 lks.  
dist. mkd.T 7 S R 7 W S.1 B T.

No other trees within limits;raise a mound of stone,  
2 ft.base,1 $\frac{1}{2}$  ft.high,W.of cor.

Land,mountainous.

Soil,gravelly and white clay;Sand and 3rd rate.

Timber,pinon pine,red pine, and aspen.

Undergrowth,sage, and deer brush.

Good grass for grazing.

Mountainous or heavily timbered land,80.00 chs.

South,betsecs.7 and 12.

Over mountainous land;through heavy timber and dense

West boundary of T 7 S R 7 W -Continued

Chs.	undergrowth.
	Desc.
15.00	Bottom of canon, 500 ft. below sec.cor., course N.40° E. Asc. abruptly.
30.00	Leave heavy and enter scattering timber ,bears NE and SW.
40.00	Set a sandstone, 16x7x5 ins ,11 ins.in the ground, for $\frac{1}{4}$ sec.cor...mkd. $\Delta$ on W.face;and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor.
53.00	Top of steep ascent, 1000 ft.above hollow,bears N.60° E. and S.60° W.Thence across flat top of divide ridge bet. Argyle and the left hand fork of Indian Canon.
59.50	Intersect South Boundary of the Wintah Indian Reservation, Set a sandstone, 24x24x6 ins.,18 ins.in the ground,for closing cor.of frac.Tps.7 S.,Rs.7 and 8 W.,mkd.C C U I R with 2 grooves on N.,6 grooves on E.,6 grooves on W.,and P L on S.,faces;from which

A red pine,30 ins.dia.,bears N.33° 30' E.,340  
lks.dist..mkd.T 7 S R 7 W S 7 B T.

A red pine,20 ins.dia.,bears N.66° W.,56 lks.  
dist..mkd.T 7 S R 8 W S 12 B T.

From the closing cor.the 67th mile cor.on the bdy.,as  
established by Deputies A.H.and F.M.Brown,bears as  
follows:

N.56° E.,14.50 chs.to mile post No.67.

Land,mountainous.

Soil,gravelly;3rd rate.

Timber,pinon pine,red pine, and aspen.

Undergrowth,sage brush,deer brush, and service berry  
brush.

Good grass for grazing.

Mountainous or heavily timbered land,or land covered with  
dense undergrowth,59.50 chs.

Test boundary of T.7 S., R.7 W. -Concluded.

Chs.

Boundaries of T.7 S., R.7 W.

Latitudes, departures, and closing errors.

Line designated	Course	Distance Chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
N.bdy.T.7 S.,R.7 W.	North	139.50	139.50			
N.bdy.T.7 S.,R.7 W.	N.89° 59' E.	477.31	.14		477.31	
E.bdy.T.7 S.,R.7 W.	South	51.00		51.00		
S.bdy. U.I.Reservation	N.89° 15' W.	36.23	.47			36.23
S.bdy. U.I.Reservation	N.71° 30' W.	37.00	11.74			35.09
S.bdy. U.I.Reservation	S.70° 30' W.	20.00		6.68		18.85
S.bdy. U.I.Reservation	N.64° 45' W.	23.70	10.11			21.44
S.bdy. U.I.Reservation	N.32° 15' E.	66.30	56.07			35.38
S.bdy. U.I.Reservation	S.73° W.	10.60		3.07		10.04
S.bdy.U.I.Reservation	S.37° 45' W.	59.50		47.05		36.43
S.bdy. U.I.Reservation	S.38° 15' W.	36.00		28.27		22.29
S.bdy. U.I.Reservation	N.61° 30' W.	4.00	1.91			3.52
S.bdy. U.I.Reservation	S.77° 15' W.	16.50	11.34	3.64		16.09
S.bdy. U.I.Reservation	N.83° 45' W.	53.50	45.83			53.18
S.bdy. U.I.Reservation	S.60° 15' W.	33.30		16.52		28.91
S.bdy. U.I.Reservation	S.48° 45' W.	40.70		26.83		30.60
S.bdy. U.I.Reservation	N.60° 45' W.	13.20	8.45			11.52
S.bdy. U.I.Reservation	S.37° 45' W.	16.20		12.81		9.92
S.bdy. U.I.Reservation	N.78° W.	20.60	4.28			20.15
S.bdy. U.I.Reservation	S.48° 15' W.	23.00		15.32		17.17
S.bdy. U.I.Reservation	N.85° 15' W.	23.00	1.90			22.92
S.bdy. U.I.Reservation	S.48° W.	25.30		16.60		19.09
S.bdy.U.I.Reservation	S.86° 30' W.	14.70		2.43		14.50
S.bdy. U.I.Reservation	S.55° W.	14.50		6.11		12.02
Convergency						10.1
Total			238.40	238.33	477.11	475.34
Error in Lat.			238.33		475.14	
			.07		2.07	

West boundary of T.7 S .,R.7 W.-Concluded.

GENERAL DESCRIPTION.

This fractional township is high and somewhat rolling , well timbered and well adapted for grazing. It should be subdivided.

*Clarence S. Jarvis,*  
U.S. Deputy Surveyor.

June 31,1904.

Volume

#

R0320

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**PAGE**

## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by \_\_\_\_\_,

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_,

showing the respective capacities in which they acted:

....., Chainman.

For final affidavits see book "W" T.5 S.R.11 W. ...., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted \_\_\_\_\_,

....., United States Deputy Surveyor, in surveying all those parts or portions of the \_\_\_\_\_,

....., of the \_\_\_\_\_, meridian, ..... of ..... which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for .....

For final affidavits see book "W" T.5 S.R.11 W. ...., Chainman.

....., Chainman.

....., Moundman.

....., Moundman.

....., Axman.

....., Axman.

....., Flagman.

Subscribed and sworn to before me this .....  
day of ..... , 190 }  
{

████████  
O NEAL  
████████

## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, bearing date of the \_\_\_\_\_, United States Surveyor General for \_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_.  
For final affidavits see book "W" T.5 S.R.11 W.

..... of the .....  
meridian, in the ..... of ..... which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

*United States Deputy Surveyor.*

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this ..... day of ..... 190 }

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0 SEAL 0  
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## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, November 3, 1904.

The foregoing field notes of the survey of the west boundary of Township No. 7 South, Range No. 7 West of the Uintah Special Base and Meridian, Utah

executed by Scott P. Stewart and Clarence S. Jarvis, under his contract No. 281, dated July 22, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward M. Anderson*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in ..... has been correctly copied from the original notes on file in this office.

*United States Surveyor General.*

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BOOK A-320

*M.L.*  
CORRECTIVE FIELD NOTES

OF THE SURVEY OF THE

*31.8.13.*  
WEST BOUNDARY

of

Township No. 7 South, Range No. 7 West,

and

RETRACEMENT OF SOUTH BOUNDARY OF UNTAH INDIAN RESERVATION

through

Township No. 7 South, Range No. 7 West.

Of the UNTAH SPECIAL BASE AND Meridian,

STATE OF UTAH.

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyors

their  
Under his Contract No. 281, dated July 22, 1903., 1900

Survey commenced May 22, 1905., 1900

Survey completed May 23, 1905., 1900

0-161

1-15-15-1  
1300.014.7.1-7-39-7 - 1300 elevating  
1300.014.7.1-7-39-7 -

## NAMES AND DUTIES OF ASSISTANTS.

John Kienke.....Chainman

Archie Walton.....Chainman

George W. Elkins.....Moundman

Quinby Stewart.....Moundman

John P. Madsen.....Axman

Richard Skousen.....Axman

Wm. Burridge.....Flagman

In full view of all who are interested, J. D. S. R. & W.

BOOK A-320

INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

6	6	4	8	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

*Meanders Page* \_\_\_\_\_

## PRELIMINARY OATHS OF ASSISTANTS.

We ..... and ..... do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }



We ..... and ..... do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }



We ..... and ..... do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instruction's given us, to the best of our skill and ability, in the survey of

, Axman.

, Axman.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }



I ..... do solemnly swear that I will well and truly perform the duties of digman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }



## Corrective Notes of

West boundary of T. 7 S., R. 7 W. Cont'd.

Chs. Survey commenced May 22, 1905, and executed with a Young and Sons light mountain transit, No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on April 1, 1905.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a meridian established by observation on Polaris, I proceed as follows: At the cor. of Tps. 6 and 7 S., Rs. 7 and 8 W., heretofore described, latitude  $39^{\circ}55'01''N.$ ; longitude  $110^{\circ}46'16''W.$ , I set off  $39^{\circ}55'N.$ , on the lat. arc;  $20^{\circ}25'N.$ , on the decl. arc; and determine a meridian with the solar, and mark a point thereof on a stone, firmly set in the ground, 5.00 chs. N. of the cor.

May 22, 1905.

May 23, 1905? At 3 h 27 m a.m., l.m.t., I observe Polaris at eastern elongation, in accordance with the Manual, and mark a point in the line thus determined, on a wooden peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ}34'$  to the west, and mark the meridian thus determined by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.33 ins. east of the mark determined with the solar.

At 7 h 3 m a.m., l.m.t., I set off  $39^{\circ}55'N.$ , on the lat. arc;  $20^{\circ}33'N.$ , on the decl. arc; and mark the meridian de-

## Corrective Notes of

West boundary of T.7 S., R.7 W. Continued

Chs. terminated with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls 0.29 ins. east of the meridian established by Polaris observation. The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about 0'17" west and 0'15" east of the meridian established by observation on Polaris, therefore I concluded that the adjustments of the instrument are satisfactory.

The magnetic bearing of the meridian at 7 h 30 m a.m., is N.16° 42'W., the angle thus determined, gives the mag. decl. 16° 42'E.

From the cor. of Tps. 6 and 7 S., Rs. 7 and 8 W.,

I run

South bet. secs. 1 and 6.

Over mountainous land, through scattering timber and scattering undergrowth.

40.00 The  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 6, on line.

80.00 The cor. of secs. 1, 6, 7, and 12, on line.

Note: There is no change in topography on this line.

South bet. secs. 7 and 12.

40.00 The  $\frac{1}{4}$  sec. cor. bet. secs. 7 and 12, on line.

59.50 Intersect South Boundary of Uintah Indian Reservation, at the closing cor. of Tps. 7 S., Rs. 7 and 8 W., heretofore described in original field notes.  
From the closing cor. the 67th mile cor. on the bdy. as established by Deputies A.H. and F.M. Brown bears as follows:

N.56° E., 13.50 c. hs. to mile post No. 67, instead of 14.50 chs. as reported in the original notes.

## Retracement of South bdy. of U.I.Reservation,T.7 S.,R.7 W.

Note:On account of discrepancies in the north bdy.of this township and in the closing of the west boundary on the Reservation bdy.I conclude to retrace the South boundary of the Uintah Indian Reservation,through T.7 S.,R.7 W.,as follows:

From the closing cor.of Tps.7 S.,rs.7 and 8 W.,heretofore described in original field notes.

I run

N.56°E.,

13.50 The 67th mile cor.and angle cor.,which is a pine post 6 ins.sq.,and 12ins.above ground,firmlly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown, on line.

Thence I run

N.80°30'E.,

15.10 Intersect at angle cor.,which is a sandstone,6x16x6 ins. above ground,firmlly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.

Thence I run

N.49°E.,

24.73 Intersect  $\frac{1}{2}$  mile and angle cor.,which is a pine post, 6 ins.sq.,and 12ins.above ground,firmlly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.

Thence I run

S.85°15'E.,

23.00 Intersect angle cor.,which is a pine post,6 ins.sq.,and 12 ins.above ground,firmlly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.

Thence I run

N.48°15'E.

14.90 The closing cor.of secs.7 and 8, on line. Heretofore described in the original field notes (which I afterward destroy).

16.95 Intersect at the 66th-mile cor.,which is a pine post 6 ins.sq.,and 12ins.above ground,firmlly set, and mkd. and

Retracement of South Boundary of Uintah Indian Reservation T.7 S., R.7W  
Chs. witnessed as described by the Deputies A.H. and F.M.  
Brown.

23.00 Intersect at the angle cor., which is a pine post, 5 ins. sq., and 12 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown  
Thence I run  
S.78° E.

20.60 Intersect at the angle cor., which is a pine post, 6 ins. sq., 12 ins. above ground, firmly set, and mkd. and witnessed and described by Deputies A.H. and F.M. Brown.  
Thence I run  
N.37° 45' E.,

13.23 Intersect at  $\frac{1}{2}$  mile mile cor. bet. the 65th and 66th mile corners, which is a sandstone, 6x14x6 ins., above ground, firmly set, and marked and witnessed as described by the Deputies A.H. and F.M. Brown.

16.20 Intersect at angle cor. which is a pine post, 6 ins. sq., 12 ins. above ground, firmly set, and mkd. and witnessed as described by the Deputies A.H. and F.M. Brown.  
Thence I run  
S.60° 45' E.

13.20 Intersect at angle cor., which is a sandstone, 6x16x7 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.  
Thence I run  
N.48° 45' E.

24.16 Intersect at 65th mile cor., which is a pine post, 6 ins. sq., 12 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.

35.62 Intersect at the closing cor. of secs. 5 and 8, heretofore described in original field notes (which I afterwards destroy).

39.30 Intersect at closing cor. of sec. 4 and 5, heretofore described, (which I afterwards destroy).

40.95 Intersect at angle cor., which is a sandstone, 5x12x5 ins. above ground, firmly set, and mkd. and witnessed as des-

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Retracement of South Boundary of Uintah Indian Reservation T. 7 S., R. 7 W.

- |       |  |
|-------|--|
| Chs.  | cribed by Deputies A.H. and F.M. Brown.<br>Thence I run<br>N.60°15'E.  |
| 23.30 | Intersect at the $\frac{1}{2}$ mile cor. bet. the 64th and 65th mile mors., which is a post, 5 ins. sq., 12 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.                                      |
| 33.30 | Intersect at the angle cor., which is a post, 5 ins. sq., 12 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.<br>Thence I run<br>S.83°45'E.,  |
| 30.10 | Intersect at the 64th mile cor., which is a sandstone, 6x16x5 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.   |
| 49.90 | Intersect at the closing cor. of secs. 3 and 4, heretofore described, in the original field notes.   |
| 53.62 | Intersect at angle cor. which is a sandstone, 6x8x12 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.<br>Thence I run<br>N.77°15'E.   |
| 16.56 | Intersect at angle cor., and $\frac{1}{2}$ mile cor. bet. 63rd and 64th mile cors., which is a sandstone, 6x14x6 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.<br>Thence I run<br>S.61°30'E., |
| 4.00  | Intersect at angle cor., which is a sandstone, 6x12x5 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.<br>Thence I run<br>N.38°15'E.   |
| 36.00 | Intersect at angle cor. and 63rd mile cor., which is a pine post, 6 ins. sq., 12 ins. above ground, firmly set, and  |

Retracement of South Boundary Sintah Indian Reservation T.7 S., R.7 W.

- Cas. mxd.and witnessed as described by Deputies A.H. and F.M. Brown.  
Thence I run  
N.37°45'E.  
36.30 Intersect at closing cor.of Tps.6 and 7 S.,R.7 W.,heretofore described.  
40.50 Intersect at the  $\frac{1}{2}$ =mile cor.bet.the 62nd and 63rd mile corners,which is a sandstone,6x14x5 ins.,above ground,firmly set, and mxd.and witnessed as described by Deputies A.H. and F.M. Brown.  
58.22 Intersect at the closing cor.of secs.34 and 35(T.6 S., R.7 W.),heretofore described.  
60.22 Intersect at the angle cor.,which is a sandstone,6x14x6 ins.above ground,firmly set, and mxd.and witnessed as described by Deputies A.H. and F.M. Brown.  
Thence I run  
N.73° E.  
10.50 Intersect at angle cor.,which is a sandstone,6x14x6 ins. above ground,firmly set, and mxd.and witnessed as described by Deputies A.H. and F.M. Brown.  
Thence I run  
S.32°15'E.  
10.00 Intersect at the 62nd mile cor.,which is a sandstone, 7x13x9 ins.,above ground,firmly set, and mxd.and witnessed as described by Deputies A.H. and F.M. Brown.  
25.62 Intersect at closing cor.of Tps.6 and 7 S.,R.7 W., heretofore described.in the original field notes.  
50.00 Intersect at the  $\frac{1}{2}$  mile cor.bet.61st and 62nd mile cors. which is a sandstone,6x13x8 ins.,above ground,firmly set and marked and witnessed as described by Deputies A.H. and F.M. Brown.  
60.78 Intersect at the angle cor.,which is a sandstone,6x18x7 ins.above ground,firmly set, and mxd.and witnessed as described by the Deputies A.H. and F.M. Brown.  
Thence I run

Retracement of S. 4th & Kidney Mtn. in Brian Reservation T 7 S - R 7 W

- | Chs.  | Dir.   |
|-------|--|
|       | S.64° 45'E.  |
| 23.70 | Intersect at angle cor. and 61st mile cor., which is a sandstone, 6x6x8 ins., above ground firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown. Thence I run.            |
|       | N.70° 30'E.  |
| 12.02 | Intersect at closing cor. of secs. 1 and 2, heretofore described.  |
| 20.00 | Intersect at angle cor., which is a sandstone, 6x16x5 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown. Thence I run.                             |
|       | S.71° 30'E..   |
| 20.00 | Intersect at $\frac{1}{2}$ mile cor. bet. 60th and 61st mile cors. which is a sandstone, 5x14x8 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown. |
| 37.00 | Intersect at angle cor., which is a sandstone, 8x14x5 ins., above ground, firmly set, and mkd. and witnessed as described by the Deputies A.H. and F.M. Brown. Thence I run.                         |
|       | S.89° 15'E.  |
| 23.00 | Intersect at 60th mile cor., which is a pine post, 6 ins. sq., 12 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies A.H. and F.M. Brown.                                |
| 37.11 | Intersect at closing cor. of Tps. 7 S., Rs. 6 and 7 W., which is a sandstone, 5x10x6 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies Stewart and Stewart.             |

May 23, 1905.

## Boundaries of T.7 S., R.7 W.-Concluded.

## Boundaries of T.7 S., R.7 W.

## Latitudes Departures, and Closing Errors.

Line	Designated	Course	dist- ance chs.	Latitudes		Departures	
				N. chs.	S. chs.	E. chs.	W. chs.
W.bdy.T.7 S.,R.7 W.		North	139.50	139.50			
N.bdy.T.7 S.,R.7 W.		N.89° 59' E.	477.31	.14		477.31	
E.bdy.T.7 S.,R.7 W.		South	51.00		51.00		
S.bdy.U.I.Reservation		N.89° 15' W.	37.11	.49			37.11
S.bdy.U.I.Reservation		N.71° 30' W.	37.00	11.74			35.09
S.bdy.U.I.Reservation		S.70° 30' W.	20.00		6.68		18.85
S.bdy.U.I.Reservation		N.64° 45' W.	23.70	10.11			21.44
S.bdy.U.I.Reservation		N.32° 15' W.	66.78	56.48			35.63
S.bdy.U.I.Reservation		S.73° W.	10.50		3.07		10.04
S.bdy.U.I.Reservation		S.37° 45' W.	60.22		47.62		36.87
S.bdy.U.I.Reservation		S.38° 15' W.	36.00		28.27		22.29
S.bdy.U.I.Reservation		N.61° 30' W.	4.00	1.91			3.52
S.bdy.U.I.Reservation		S.77° 15' W.	16.56		3.65		16.15
S.bdy.U.I.Reservation		N.83° 45' W.	53.62	5.84			53.30
S.bdy.U.I.Reservation		S.60° 15' W.	33.30		16.52		28.91
S.bdy.U.I.Reservation		S.48° 45' W.	40.95		27.00		30.79
S.bdy.U.I.Reservation		N.60° 45' W.	13.20	6.45			11.52
S.bdy.U.I.Reservation		S.37° 45' W.	16.20		12.81		9.92
S.bdy.U.I.Reservation		N.78° W.	20.60	4.28			20.15
S.bdy.U.I.Reservation		S.48° 15' W.	23.00		15.32		17.16
S.bdy.U.I.Reservation		N.85° 15' W.	23.00	1.90			22.92
S.bdy.U.I.Reservation		S.49° W.	24.73		16.22		18.66
S.bdy.U.I.Reservation		S.80° 30' W.	15.10		2.49		14.89
S.bdy.U.I.Reservation		S.56° W.	13.50		7.55		11.19
Convergency						.10	
Totals				238.84	238.20	477.41	476.40
Error in lat.				0.64		476.40	
Error in dep.						1.01	

*Scott B. Stewart*  
U.S. Deputy Surveyor.

**FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.**

**LIST OF NAMES.**

A list of the names of the individuals employed by \_\_\_\_\_  
\_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and  
ing the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_  
ng the respective capacities in which they acted:

-, Chairman.

-, Chairman.

—, *Moundman.*

*Moundman.*

*Axman.*

-, Axman.

**FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted \_\_\_\_\_ / \_\_\_\_\_  
\_\_\_\_\_, United States Deputy Surveyor, in surveying all  
parts or portions of the \_\_\_\_\_

of the

meridian, ..... of ..... which are represented as having been surveyed by him and under his direction; and that said survey to the best of our knowledge and belief, well and faithfully surveyed, and the finished, according to the instructions furnished by the United States Surveyor

Chairman

, Chairman.

, Moundman.

*., Moundne*

., Axman.

., Axman.

Subscribed and sworn to before me this ..... }  
day of ..... 190 }  
.....



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, bearing date of the United States Surveyor General for \_\_\_\_\_, day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

*In final affidavit, see back 19 Sept 5 S. R. D.*

of the \_\_\_\_\_ meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

United States Deputy Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_ }



## APPROVAL.

## OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Waltham, July 29, 1905*

*Contractor*  
The foregoing field notes of the survey of *The West Boundary of Township  
7 South Range 7 West of the Meridian, Special Block and  
Division of Relocation of the South Boundary of the  
Meridian Block and Relocation through Township 7 South  
Range 7 West*

executed by *Scott Fletcher and Clarence Harris*  
*under his contract No. 287*, dated *July 22, 1905*, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the  
surveys they describe, are hereby approved.

*Edward H. Alderson*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_  
has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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FILED  
JUN 10 1905

CORRECTIVE

*Complete*

## FIELD NOTES

OF THE SURVEY OF THE

South Boundary of

Township No. 6 South, Range No. 7 West,

Of the Uintah Special Base and Meridian,

Utah.

AS SURVEYED BY

Scott P. Stewart & Clarence S. Jarvis, United States Deputy Surveyors  
Under their Contract No. 281, dated July 22, 1903

Survey commenced May 9, 1905., 289

Survey completed May 10, 1905., 290

**NAMES AND DUTIES OF ASSISTANTS.**

John Kienke ..... Chainman  
Archie Walton ..... Chainman  
George W. Ekins ..... Moundman  
Quinby Stewart ..... Moundman  
John E. Madsen ..... Axman  
Richard Skousen ..... Axman  
Wm. Burridge ..... Flagman

*In preliminary affidavit see Exhibit 2, pp 5 & 8 R&W*

F-111

**Volume****#****R0320**

BOOK A-320

INDEX DIAGRAM.

*Township 6 South, Range No. 7 West,*

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
20	20	28	27	26	25
31	32	33	34	35	36
3	4	5	6	7	9

*Meanders Page*

PRELIMINARY OATHS OF ASSISTANTS.

We.....and.....  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the  
chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that  
we will report the true distances to all notable objects, and the true lengths of all lines that we assist in  
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey or

, Chairman

, Chairman

Subscribed and sworn to before me this .....  
day of ....., ....., 190.....



We, \_\_\_\_\_ and \_\_\_\_\_ do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

, Mountain

, Mountain

Subscribed and sworn to before me this . . . . .  
day of . . . . ., A.D. . . . ., 190 . . . . .



We, ..... and ..... do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner and other duties, according to instructions given us, to the best of our skill and ability, in the survey c

- 1 -

J. L. Tamm

Subscribed and sworn to before me this  
day of , 190



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of physician according to instructions given me, to the best of my skill and ability, in the service of

... Flagma.

Sold, signed and sworn to before me this 21<sup>st</sup> day of May A.D. 1900.



1

Corrective Notes of

South Boundary of T.6 S., R.7 W.-Continued.

Chs. Survey commenced May 9, 1905; and executed with a Young and Sons light mountain transit, No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes; which is also the least count of the verniers of the latitude and declination arcs.  
The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the Surveyor General for Utah, on April 1, 1905.  
I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a meridian determined by observation on Polaris, I proceed as follows:

At the cor. of Tps. 6 and 7 S., Rs. 6 and 7 W., latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 39' 31''$  W., I set off  $39^{\circ} 55' 01''$  N., on the lat. arc;  $17^{\circ} 23' 00''$  N., on the decl. arc; and at 3 h 2 m p.m., l.m.t. I determine a meridian, with the solar, and mark a point thereof on a stone, firmly set in the ground, 5.00 chs. N. of the cor.

May 9, 1905.

---

May 10, 1905: At 4 h 18 m a.m., l.m.t., I observe Polaris at eastern elongation, in accordance with the Manual, and mark the line thus determined, on a wooden plug set in the ground, 5.00 chs. N. of the cor..

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 34'$  to the west, and mark the meridian thus determined, by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.35 ins. east of the meridian determined with the solar; this

Corrective Notes of

South Boundary of T. 6 S., R. 7 W.-Continued.

Chs. At 7 h 2 m a.m., I set off  $39^{\circ} 55' N.$ , on the lat. arc;  $17^{\circ} 34' N.$ , on the decl. arc; and mark the meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls 0.3 ins. east of the meridian established by Polaris observation.

The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about  $0' 21''$  west and  $0' 16''$  east of the meridian established by observation on Polaris; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the meridian at 7 h 30 m a.m., is N. $16^{\circ} 37' W.$ , the angle thus determined gives the mag. decl. $16^{\circ} 37' E.$

From the cor. of Tps. 6 and 7 S., Rs. 6 and 7 W., I run S. $89^{\circ} 59' W.$ , on a random line along South boundary of Tp., Bet. secs. 1 and 36.

39.77 The  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 36, on line.

79.70 The cor. of secs. 1, 2, 35, and 36, on line.

119.55 The  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 35, on line.

134.73 The closing cor. of secs. 2 and 35, on line.

173.23 The closing cor. of secs. 3 and 34, on line.

199.15 The  $\frac{1}{4}$  sec. cor. bet. secs. 3 and 34., on line.

239.21 The cor. of secs. 3, 4, 33, and 34, on line.

279.02 The  $\frac{1}{4}$  sec. cor. bet. secs. 4 and 33., on line.

318.78 The cor. of secs. 4, 5, 32, and 33., on line.

358.60 The  $\frac{1}{4}$  sec. cor. bet. secs. 5 a d 32, on line.

398.41 The cor. of secs. 5, 6, 31, and 32., on line.

438.90 The  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 31, on line.

477.31 Intersect W.bdy. of Tp., at the cpr. of Tps. 6 and 7 S., Rs. 7 and 8 W., heretofore described.

Note: The entire length of this line and the course are the same as reported in the original notes, but some of corners are badly out of place; therefore I proceed to re-survey the boundary as follows:

## Corrective Notes of

South Boundary of T.6 S. R.7 W., -Continued.

Chs.

N.89° 59' E., on a true line bet. secs. 6 and 31.

Over mountainous land; through scattering timber.

Desc.

22.00 Bottom of hollow, 400 ft. below cor., course S. 20° E.

Asc.

29.00 Top of ridge, 200 ft. above hollow, bears N. 20° W. and S. 20° E.

Desc.

37.20 Bottom of hollow, 200 ft. below ridge, course S. 70° E.

Asc.

37.31 Set a limestone, 16x10x7 ins., 11 ins. in the ground, for  
sec. cor.. mkd.  $\pi$  on N. face; from whichA red pine, 5 ins. dia., bears N. 35° 30' E., 10  
lks. dist.. mkd.  $\pi$  S. 31 B T.A red pine, 6 ins. dia., bears S. 6° E., 18 lks.  
dist.. mkd.  $\pi$  S. 6 B T.

Note: I destroy all traces of the old cor.

69.30 Top of ridge, 250 ft. above hollow, bears N. 10° W. and S. 10°  
E.

Desc.

77.31 Set a sandstone, 17x10x7 ins., 12 ins. in the ground, for  
cor. of secs. 5, 6, 31, and 32, mkd. with 5 notches on E. and 1  
notch on W. edges; and raise a mound of stone, 2 ft. base.,  
1 $\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.

Soil, gravelly; 3rd rate.

## Corrective Notes of'

South Boundary of T.6 S., R.7 W.-Continued.

Chs.

Timber, pinon pine, and red pine.

Mountainous land, 77.51 chs.

Note: I destroy all traces of the old cor.

N. 89° 59' E., on a true line bet. secs. 5 and 32.

Over mountainous land.

Desc.

3.00 Foot of descent, 10 ft. below sec. cor., bears NE and SW.

Enter left hand fork of Indian Canon.

Enter dense aspen saplings and hawthorns, bears NE and SW.

17.20 Road from Colton to Elaterite Mines, bears NE and SW.

19.60 Creek, 8 lks. wide, 3 ins. deep, course NE.

19.70 Leave canon bottom, bears NE and S. 60° W.

Asc.

35.00 Top of ridge, 500 ft. above canon, bears N. and S.

Desc.

40.00 Set a sandstone, 18x8x8 ins., 12 ins. in the ground, for  
sec. cor. mkd.  $\frac{1}{4}$  on N. face; from which

An aspen, 3 ins. dia., bears N. 28° 30' W., 9 lks.

dist. mkd.  $\frac{1}{4}$  S 32 B T.

An aspen, 6 ins. dia., bears S. 20° W., 38 lks.

dist. mkd.  $\frac{1}{4}$  S 5 B T.

Note : I destroy all traces of the old cor.

41.00 Bottom of hollow, 300 ft. below ridge, course N.

Asc.

62.50 Top of ridge, 600 ft. above hollow, bears N. and S.

Desc.

64.00 Leave undergrowth and enter heavy timber, bears N. and S.

78.00 Bottom of canon, 600 ft. below ridge, course N.

Asc.

80.00 Set a limestone, 18x13x7 ins., 12 ins. in the ground, for  
cor. of secs. 4, 5, 32, and 33, mkd. with 4 notches on E. and z

Corrective Notes of  
South Boundary of T. 6 S R 7 W Continued.

Chs.	notches on W.edges; from which  A red pine, 10 ins. dia., bears S. 27° 30' E., 137 lks. dist.. mkd. T 7 S R 7 W S 4 B T.  A red pine, 10 ins. dia., bears S. 18° W., 147 lks. dist.. mkd. T 7 S R 7 W S 5 B T.  No other trees within limits; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.  Note: I destroy all traces of the old cor. Land, mountainous. Soil, gravelly; 3rd rate. Undergrowth, aspen saplings and hawthorn. Timber, pinon pine and red pine. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
16.00	N. 89° 59' E., on a true line bet. secs. 4 and 33. Over mountainous land; through scattering timber. Asc. Top of ridge, 400 ft. above sec. cor., bears N. and S. Desc.
26.00	Bottom of hollow, 280 ft. below ridge, course N. Asc. Top of ridge, 300 ft. above hollow, bears N. and S. Desc.
36.50	Set a shalestone, 16x9x4 ins., 11 ins. in the ground, for ¼ sec. cor.. mkd. ¼ on N. face; from which  An aspen, 4 ins. dia., bears N. 84° E., 47 lks. dist.. mkd. ¼ S 33 B T.  An aspen, 4 ins. dia., bears S. 26° 30' W., 33 lks. dist.. mkd. ¼ S 4 B T.  Note: I destroy all traces of the old cor.
56.50	Bottom of hollow, 400 ft. below ridge, course N. 20° E. Asc.

## Corrective Notes of

South Boundary of T.6 S.R.7 W.-Continued.

Chs.

60.50 Top of ridge, 150 ft. above hollow, bears N. and S.

Desc.

69.50 Bottom of canon, 100 ft. below ridge, course N. 20° W.

Asc.

80.00 Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, mkd. with 3 notches on E. and 3 notches on W. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Note: I destroy all traces of the old cor.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine and aspen.

Good grass for grazing.

Mountainous land, 80.00 chs.

May 10, 1905: At the noon hour the sky is overcast and solar observations are impossible.

N. 89° 59' E., on a true line bet. secs. 3 and 34.

Over mountainous land; through dense undergrowth.

Asc.

16.25 Top of ridge, 600 ft. above sec. cor., bears N. 30° W. and S. 30° E.

Desc.

Enter aspen timber, bears N. 30° W. and S. 30° E.

33.75 Head of canon, 700 ft. below ridge, course N. 30° W.

Asc.

40.00 Set a sandstone, 18x9x7 ins., 12 ins. in the ground, for sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from whichAn aspen, 3 ins. dia., bears N. 15° W., 42 lks. dist.. mkd.  $\frac{1}{2}$  S. 34 B.T.

An aspen, 3 ins. dia., bears S. 30° E., 19 lks.

7  
Corrective Notes ofSouth Boundary of T 6 S R 7 W -Contin- 4

- |       |  |
|-------|--|
| Chs.  | dist.. mkd. $\frac{1}{4}$ S 3 B T.   |
|       | Note : I destroy all traces of the old cor.  |
| 66.77 | Intersect South Boundary of the Uintah Indian Reservation at the closing cor. of secs. 3 and 34, which is a sandstone 15x10x3 ins., 10 ins. in the ground, marked and witnessed as described in the original field notes.<br>From the closing cor. the $\frac{1}{4}$ mile cor. bet. the 62nd and 63rd mile corners, on the bdy. as established by Deputies A.H. and F.M. Brown, bears as follows:<br>N.37° 45' E., 4.20 chs., to $\frac{1}{4}$ mile post bet. the 62nd and 63rd mile corners.<br>Thence continues N.89° 59' E., on blank line. |
| 80.00 | Joint for cor. falls outside the Reservation, cor. not set.<br>Land, mountainous.<br>Soil, gravelly loam; 2nd rate.<br>Timber, pine and aspen.<br>Good grass for grazing.<br>Mountainous land, 66.05 chs.  |
|       | N.89° 59' E., on blank line bet. secs. 2 and 35.   |
| 25.27 | Intersect South boundary of the Uintah Indian Reservation, at the closing cor. of frac. secs. 2 and 35, heretofore described in the original field notes.<br>From the closing cor. the 62nd mile cor. on the bdy., as established by Deputies A.H. and F.M. Brown bears as follows:<br>N.32° 15' W., 15.62 chs. to mile stone , No. 62.<br>This cor. is on top of divide ridge bet. Argyle and Sower's Canons, bears N.32° W. and S.32° E.<br>Thence over mountainous land; through scattering timber.<br>Desc.                                |
| 40.00 | Set a sandstone, 15x10x4 ins., 10 ins. in the ground, for  |

## Corrective Notes of

South Boundary of T. 6 S., R. 7 E. -Continued.

- Chs.  $\frac{1}{2}$  sec.cor., mkd.  $\frac{1}{4}$  on N. faces; from which  
A red pine, 6 ins. dia., bears N.  $61^{\circ} 30' E.$ , 167  
lks. dist.. mkd.  $\frac{1}{4}$  S 35 B T.  
A red pine, 6 ins. dia., bears S.  $74^{\circ} W.$ , 93 lks.  
dist.. mkd.  $\frac{1}{4}$  S 2 B T.  
Note: I destroy all traces of the old cor.  
44.00 Bottom of hollow, 800 ft. below ridge, course N.  $25^{\circ} E.$ .  
Enter heavy timber.  
-sc.  
57.00 Leave timber, bears NE and SW.  
60.00 Top of ridge, 200 ft. above hollow, bears N.  $25^{\circ} E.$ , and  
S.  $25^{\circ} W.$ ,  
Enter scattering timber.  
Desc.  
80.00 Set a sandstone, 18x9x6 ins., 12 ins. in the ground, for  
cor. of secs. 1, 2, 35, and 36, mkd. with 1 notch on E. and  
5 notches on W. edges; from which  
An aspen, 4 ins. dia., bears N.  $72^{\circ} 50' E.$ , 139  
lks. dist.. mkd. T 6 S R 7 W S 36 B T.  
An aspen, 8 ins. dia., bears S.  $75^{\circ} E.$ , 164 lks.  
dist.. mkd. T 7 S R 7 W S 1 B T.  
An aspen, 5 ins. dia., bears S.  $19^{\circ} 15' W.$ , 135  
lks. dist.. mkd. T 7 S R 7 W S 2 B T.  
A red pine, 20 ins. dia., bears N.  $15^{\circ} W.$ , 300 lks.  
dist.. mkd. T 6 S R 7 W S 35 B T.  
Note: I destroy all traces of the old cor.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and aspen.  
Good grass for grazing.  
Mountainous land, 55.45 chs.

A-32  
Corrective Notes ofSouth Boundary of T. 6 S. R. 7 W.-Continued

Ohs.	N.89°59'E., on a true line bet. secs. 1 and 36. Over mountainous land; through heavy timber. Desc.
1.50	Bottom of hollow, 30 ft. below sec.cor., bourse N.30° E. Asc.
10.50	Leave timber, bears NW and SE.
20.40	Enter heavy timber, bears NW and SE.
20.25	Top of ridge, 400 ft. above hollow, bears N.35° E. and S.35° W. Leave timber. Desc.
40.00	Set a san stone, 20x10x3 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec.cor., mka. $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Note : I destroy all traces of the old cor.
43.25	Bottom of hollow, 450 ft. below ridge, course N.30° E. Asc. through scattering timber.
60.00	Leave timber, bears N. and S.
77.00	Top of ridge, 600 ft. above hollow, bears N.30° E. and S.30° W. Desc.
80.00	The cor. of Tps. 6 and 7 S., Rs. 6 and 7 W., Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 80.00 chs.

May 10, 1905.

## GENERAL DESCRIPTION.

This township is very rough and mountainous, being cut through

B.I.S.D. April 10  
19

South Boundary of T.6 S., R.7 W.-Concluded.

Chas. by Indian Canon and east fork of Indian Canon. The township is well timbered and sufficiently well watered for grazing purposes. It should be subdivided.

*Jeff P. Stearns*

U.S. Deputy Surveyor

May 10, 1905.

Volume

#

R0320

## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by \_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_ showing the respective capacities in which they acted:

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

*To final affidavets see book 19. Jl 55 Pn 87*, Moundman.  
\_\_\_\_\_, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted \_\_\_\_\_, United States Deputy Surveyor, in surveying all those parts or portions of the \_\_\_\_\_ of the \_\_\_\_\_ meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for \_\_\_\_\_.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Moundman.

*To final affidavets see book 19. Jl 55 Pn 87*, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190\_\_\_\_\_ }



3

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, United States Surveyor General for \_\_\_\_\_, bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

*Official affidavit dated July 29, 1905, P. S. R. W.*

of the \_\_\_\_\_

meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*United States Deputy Surveyor.*

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_ }



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Yankton, South Dakota, July 29, 1905*

*Surveyor*  
The foregoing field notes of the survey of *The North Boundary of Township  
and Range No. 10 of the First Special Town and  
Meridian, Dakota*

executed by *Scott P. Stewart and Clarence Harris*  
under his contract No. 281, dated July 29, 1905, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the  
surveys they describe, are hereby approved.

*Edward M. Rutherford*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

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FILED

JUN 10 1905

BOOK A-320

CORRECTIVE AND COMPLETE  
**FIELD NOTES**

OF THE SURVEY OF THE

SUBDIVISION

of

Township No. 6 South, Range No. 7 West.

Of the Uintah Special Base and Meridian,

Utah

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyor,  
their  
Under ~~his~~ Contract No. 281, dated July 22, 1903, 1903

Survey commenced May 10, 1905., 1905

Survey completed May 21, 1905., 1905

6-161

high  
low

59-37-99

0-19-90

59-57-89

closings  
17.72

0

NAMES AND DUTIES OF ASSISTANTS.

John Kienke..... Chainman

Archie Walton..... Chainman

George W. Ekins..... Moundman

Quinby Stewart..... Moundman

John L. Madsen..... Axman

Richard Skousen..... Axman

Wm. Burridge..... Flagman

*In preliminary affidavits to Lord J. F. 55, R. 807*

BOOK A-320

INDEX DIAGRAM.

*Township 6 South, Range 7 West*

6	65	6	48	4	36	8	24	2	12	1
64		63		47		34		23		11
7	62	8	46	9	35	10	22	11	10	12
61		60		45		33		21		9
18	59	17	44	16	32	15	20	14	8	13
58		57		43		30		19		7
10	56	20	42	21	29	22	18	23	6	24
55		54		41		28		17		5
30	52	29	40	28	27	27	16	26	4	25
51		50		38		26		13		3
81	49	32	37	33	25	34	15	23	2	36

*Meanders Page*

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the  
 chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that  
 we will report the true distances to all notable objects, and the true lengths of all lines that we assist in  
 measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

\_\_\_\_\_, Chainman

\_\_\_\_\_, Chainman

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment  
 of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

\_\_\_\_\_, Moundman

\_\_\_\_\_, Moundman

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner,  
 and other duties, according to instructions given us, to the best of our skill and ability, in the survey o

\_\_\_\_\_, Axman

\_\_\_\_\_, Axman

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



I, \_\_\_\_\_, do solemnly swear that I will well and truly  
 perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the  
 survey of \_\_\_\_\_

\_\_\_\_\_, Flagman

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## Corrective Notes of

~~Azimuth f T C S N W~~

Survey commenced May 10, 1905., and executed with a Young and Sons, light mountain transit, No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs. The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the surveyor general, for Utah, on April 1, 1905.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a meridian established by observation on Polaris, I proceed as follows:

At the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tp., latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 40' 37''$  W., I set off  $39^{\circ} 55' N.$ , on the lat. arc;  $17^{\circ} 40' N.$ , on the decl. arc; and at 5 h 4 m p.m., l.m.t., I determine a meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

May 10, 1905.

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May 11, 1905: At 4 h 14 m a.m., l.m.t., I observe Polaris at eastern elongation, in accordance with the Manual and mark a point in the line thus determined, on a peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 34'$  to the west and mark a point in the meridian thus determined by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.37 ins. east of the meridian determined with the solar.

At 7 h 3 m a.m., l.m.t., I set off  $39^{\circ} 55' N.$ , on the lat.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W. Continued

- Chs. arc.  $17^{\circ} 49' N.$ , on the decl. arc; and mark the meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls 0.3 ins. east of the meridian established by Polaris observation.
- The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about  $0' 19''$  west and  $0' 16''$  East of the meridian established by Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.
- The magnetic bearing of the meridian at 7 h 30 m a.m., is  $N. 16^{\circ} 38' W.$ , the angle thus determined gives the mag. decl.  $16^{\circ} 38' E.$
- Note: On account of the discrepancies in the S.bdy. of this Tp., all the cors. in the Sub. and the topography will be more or less out; I therefore destroy all the old cors. and make a new survey of the entire subdivision disregarding altogether the previous work.
- From the cor. of secs. 1, 2, 35, and 36, on S.bdy. of Tp., heretofore described.
- I run  
 $N. 0^{\circ} 1' W.$ , bet. secs. 35 and 36.  
 Over mountainous land; through scattering timber.
- Asc.
- 18.00 Top of ridge, 200 ft. above cor., bears NE and SW.  
 Desc.
- 22.00 Enter heavy timber, bears  $N. 60^{\circ} E.$  and  $S. 60^{\circ} W.$
- 34.00 Bottom of hollow, 300 ft. below ridge, course  $N. 70^{\circ} E.$   
 Asc.  
 Leave timber, bears E. and W.
- 40.00 Set a sandstone,  $16 \times 10 \times 4$  ins., 11 ins. in the ground, for sec. cor.. mkd.  $\frac{1}{4}$  on W. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 52.00 Top of ridge, 250 ft. above hollow, bears E. and W.  
 Desc.
- 65.00 Bottom of hollow, 150 ft. below ridge, course  $S. 80^{\circ} E.$   
 Asc.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.

- 80.00 Set a sandstone, 18x14x3 ins., 12 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, mkd. with 1 notch on S., and E. edges; from which
- A cedar, 24 ins. dia., bears N. 47° 15' E., 120 lks. dist.. mkd. T 6 S R 7 W S 25 B T.
- A cedar, 6 ins. dia., bears S. 43° 16' E., 52 lks. dist.. mkd. T 6 S R 7 W S 36 B T.
- A pinon pine, 14 ins. dia., bears S. 54° W., 96 lks dist.. mkd. T 6 S R 7 W S 35 B T.
- A pinon pine, 8 ins. dia., bears N. 39° W., 46 lks. dist.. mkd. T 6 S R 7 W S 26 B T.
- Land, mountainous.
- Soil, gravelly; 2nd rate.
- Timber, pine and aspen.
- Good grass for grazing.
- Mountainous or heavily timbered land, 80.00 chs.
- 
- N. 89° 59' E., on a random line bet. secs. 25 and 36.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.24 Intersect E. bdy. of Tp., at the cor. of secs. 25, 30, 31, and 36, ... which is a sandstone, 5x8x8' ins. above ground firmly set, and marked and witnessed as described by Deputies Stewart and Stewart.
- Thence I run
- S. 89° 59' W., on a true line bet. secs. 25 and 36.
- Over mountainous land; through scattering undergrowth.
- Asc. along side of ridge.
- 24.00 Top of ridge, 600 ft. above sec. cor., bears N. 60° W. and S. 80° E.
- Desc.
- 40.12 Set a sandstone, 20x10x3 ins., 15 ins. in the ground, for sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which
- A pinon pine, 8 ins. dia., bears N. 35° W., 116

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	lks.dist..mkd.± S 25 B T. A pinon pine, 5 ins.dia., bears N.18°W., 10'. lks.dist., mkd. ± S 36 B T.
58.25	Bottom of hollow, 800 ft. below ridge, course S.20°E. Asc. Desc.
68.50	Top of spur, 400 ft. above hollow, bears N. and S. Desc.
80.24	The cor.of secs.25,26,35, and 36. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and cedar. Undergrowth, deer brush and buck brush. Good grass for grazing. Mountainous land, 80.24 chs.
	N.0°1'W., bet.secs.25 and 26. Over mountainous land; through scattering timber. Asc.
20.00	Top of divide ridge bet.Sower's Canon and Jones Hollow, 500 ft. above sec.cor., bears NE and SW. Desc.
40.00	Set a sandstone, 16x10x5 ins., 11 ins.in the ground, for ± sec.cor..mkd.± on W.face; from which A red pine, 8 ins.dia., bears N.72°30'E., 84'. lks.dist..mkd.± S 25 B T. A red pine, 10 ins.dia., bears N.8°25'W., 78'. lks.dist..mkd.± S 26 B T.
50.00	Bottom of hollow, 1200 ft. below ridge, course N.20°W. Asc.
72.90	Top of spur, 150 ft. above hollow, bears N.20°W. and S.10°E. Desc.
80.00	Set a sandstone, 22x8x4 ins., 16 ins.in the ground, for cor.of secs.23,24,25 and 26,mkd.with 2 notches on S. and 1 notch on E.edges; and raise a mound of stone, 2 ft.base.,

## Corrective Notes of

Chs.

1 $\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.

Soil, gravelly and white clay; 3rd rate.

Timber, pine and aspen.

Good grass for grazing.

Mountainous land, 80.00 chs.

May 11, 1905: At this cor. I set off  $17^{\circ} 52' N.$ , on the decl. arc.; and at 11 h 56 m a.m., l.m.t., I observe the sun on the meridian, the resulting lat. is  $39^{\circ} 56' N.$ , which is the proper lat. nearly.

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N.  $89^{\circ} 59' E.$ , on a random line bet. secs. 24 and 25.40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.40 Intersect E. bdy. of Tp., 16 lks. S. of the cor. of secs. 19, 24, 25, and 30, which is a sandstone, 6x12x6 ins.; above ground, firmly set, and mkd. and witnessed as described by Deputies Stewart and Stewart.

Thence I run

S.  $89^{\circ} 52' W.$ , on a true line bet. secs. 24 and 25.

Over mountainous land; through scattering undergrowth.

Asc.

10.00 Top of divide ridge bet. Sower's Canon and Jones Hollow, 40 ft. above sec. cor., bears N.  $20^{\circ} E.$  and S.  $40^{\circ} W.$

Desc.

24.00 Bottom of hollow, 400 ft. below ridge, course N.

Enter scattering timber.

Asc.

40.20 Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which

A red pine, 7 ins. dia., bears N.  $17^{\circ} E.$ , 16 lks.  
dist.. mkd.  $\frac{1}{2}$  S 24 B T.

A red pine, 10 ins. dia., bears S.  $20^{\circ} E.$ , 50 lks.  
dist.. mkd.  $\frac{1}{2}$  S 25 B T.

## Corrective Notes of

## Subdivision of T. 6 S. .R. 7 W.-Continued.

Chs.	
45.30	Top of ridge, 400 ft. above hollow, bears N. 30° W. and S. 30° E. Desc. Bottom of hollow, 475 ft. below ridge, course NW. Asc. Tha cor. of secs. 25, 24, 25, and 26. Land, mountainous. Soil, gravelly and white clay; 3rd rate. Timber, pine and cedar. Good grass for grazing. Mountainous land, 80.40 chs.
	N. 0° 1' W., bet. secs. 23 and 24. Over mountainous land; through scattering timber. Desc. Bottom of hollow, 10 ft. below sec. cor., course NW. Asc. Top of ridge, 500 ft. above hollow, bears E. and W. Desc. Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A red pine, 8 ins. dia., bears N. 63° 30' E., 14 lks. dist.. mkd. $\frac{1}{4}$ S 26 B T. A red pine, 10 ins. dia., bears S. 1° 30' W., 110 lks. dist.. mkd. $\frac{1}{4}$ S 23 B T.
34.00	Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for sec. cor., mkd. $\frac{1}{4}$ on W. face; from which A red pine, 8 ins. dia., bears N. 63° 30' E., 14 lks. dist.. mkd. $\frac{1}{4}$ S 26 B T. A red pine, 10 ins. dia., bears S. 1° 30' W., 110 lks. dist.. mkd. $\frac{1}{4}$ S 23 B T.
40.00	Spring branch, 1 lk. wide, 1 in. deep, in bottom of hollow, 600 ft. below ridge, course NW. Desc. Set a sandstone, 14x8x6 ins., 9 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, mkd. with 3 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
78.50	
80.00	

Corrective Notes of  
Subdivision of T. 6 S., R. 7 W.-Continued.

- |       |   |
|-------|---|
| Chs.  | Land, mountainous.<br>Soil, gravelly and white clay; 3rd rate.<br>Timber, pine and cedar.<br>Good grass for grazing.<br>Mountainous land, 80.00 chs.  |
|       | N. 89° 52' E., on a random line bet. secs. 13 and 24.   |
| 40.00 | Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.30 | Intersect N. and S. line, 7 lks. N. of the cor. of secs. 18, 13, 19, and 24, which is a sandstone, 5x12x5 ins., above ground firmly set, and mkd. and witnessed as described by Deputies Stewart and Stewart. |
|       | Thence I run  |
|       | S. 89° 55' W., on a true line bet. secs. 13 and 24.   |
|       | Over mountainous land; through heavy timber.  |
|       | Desc.   |
| 5.00  | Bottom of hollow, 200 ft. below sec. cor., course S. 70° W., Asc.   |
| 12.00 | Top of spur, 30 ft. above hollow, bears N. and S.   |
|       | Desc.   |
| 22.00 | + Point from which a small lumber house over the elaterite mine belonging to the Raven Mining Company bears N. about 18.00 chs. dist.   |
| 27.20 | Spring branch, 1 lk. wide, 1 ins. deep, in bottom of hollow, 100 ft. below spur, course N. 60° W.   |
|       | Asc.  |
| 33.00 | Two small log cabins belonging to the Raven Mining Co. bear N. 100 lks. dist.   |
| 39.00 | Top of spur, 150 ft. above hollow, bears NW and SE.   |
|       | Desc.   |
| 40.15 | Set a sandstone, 14x10x4 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor. mkd. $\frac{1}{4}$ on N. face; from which   |
|       | A pinon pine, 8 ins. dia., bears N. 4° 30' E.; 6  |

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	lks.dist..mkd. $\frac{1}{4}$ S 13 B T. A red pine, 8 ins. dia., bears S. 18° W., 47 lks. dist..mkd. $\frac{1}{4}$ S 24 B T.
54.50	Bottom of hollow, 400 ft. below ridge, course NW.
Asc.	
61.00	Top of ridge, 400 ft. above hollow, bears NW and SE. Desc.
70.00	Leave timber, bears N. and S.
80.30	The cor. of secs. 13, 14, 23, and 24. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and cedar. Good grass for grazing. Mountainous or heavily timbered land, 80.30 chs.

May 11, 1905.

May 12, 1905: At 7 h 2 m a.m.l.m.t., I set off 39° 58' N., on the lat.arc; 18° 05' N., on the decl.arc; and determine a meridian with the solar, at the cor. of secs. 13, 14, 23, and 24. Thence I run

N. 0° 1' W., bet. secs. 13 and 14.

Over mountainous land; through scattering undergrowth. Desc. along side of canon.

- |       |  |
|-------|--|
| 37.00 | Wash, 20 lks. wide, 4 ft. deep, in bottom of Jones Hollow, 50 ft. below sec.cor., course N. 15° E.   |
| Asc.  |  |
| 45.00 | Set a sandstone, 18x6x6x ins. 12 ins. in the ground, for $\frac{1}{2}$ sec.cor.. mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. |
| 69.00 | Enter bottom of Jones Hollow, bears N. 30° W. and S. 20° E. 100 ft. below $\frac{1}{2}$ sec.cor.   |
| 75.50 | Leave undergrowth and enter meadow, bears E. and W.  |
| 80.00 | Set a sandstone, 20x10x5 ins., 15 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, mkd. with 4 notches on S. and  |

## Corrective Notes of

S. 41<sup>o</sup> 45' N. W. T. 6 S. R. 7 W. -Continued

- Chs. 1 notch on E.edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor. Land, mountainous and level. Soil, gravelly and clay loam and rocky; 2nd and 4th rate. No timber. Undergrowth, sage brush. Good grass for grazing. Mountainous land, 69.00 chs.
- 

N. 89° 55' E., on a random line bet. secs. 12 and 13.

- 40.00 Set temp.  $\pm$  sec. cor.
- 80.20 Intersect E. bdy. of Tp., 22 lks. S. of the cor. of secs. 7, 12, 13, and 18, which is a sandstone, 5x10x7 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies Stewart and Stewart.
- Thence I run  
S. 89° 46' W., on a true line bet. secs. 12 and 13.  
Over mountainous land; through heavy timber.
- Asc.
- 12.00 Top of spur, 200 ft. above sec. cor., bears N. 20° W. and S. 20° E.  
Leave timber.
- Desc.
- 40.10 Set a limestone, 16x12x3 ins., 11 ins. in the ground, for  $\pm$  sec. cor.. mkd.  $\pm$  on N. face; dig pits, 18x18x12 ins., E. and W. of stone,  $3\frac{1}{2}$  ft. dist.; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 74.00 Foot of descent, 800 ft. below ridge, bears N. 30° W. and S. 30° E.  
Enter bottom of Jones Hollow.
- 75.50 Road from Colton to elaterite mine, bears N. 30° W. and S. 30° E.
- 76.50 Enter meadow, bears N. 30° W. and S. 30° E.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs..	
80.20	The cor. of secs. 11, 12, 13, and 14.
76.50 3.70	Land, mountainous and level. Soil, gravelly and rocky; 2nd and 4th rate. Timber, pine and cedar. Good grass for grazing. Mountainous or heavily timbered land, 76.50 Chs.
	<hr/>
	N. 0° 1' W., bet. secs. 11. and 12.
	Over meadow land, in mouth of Jones Hollow.
2.70	Leave meadow, bears N. 60° W. and S. 60° E.
3.20.	Road from Colton to elaterite mine, bears N. 60° W. and S. 60° E.
5.20	Leave canon bottom, bears N. 60° W. and S. 60° E. Enter scattering timber. Asc.
10.00	Top of spur, 75. ft. above canon bears E. and W. Desc.
16.00	Foot of descent, 95 ft. below spur, bears NE and SW. Enter bottom of left hand fork of Indian Canon. Leave timber and enter dense undergrowth, bears NE and SW.
19.00	Creek, 6 lks. wide, 6 ins. deep, course NE.
22.10	Old road, bears NE and SW.
31.20	Leave canon, bears NE and SW. Leave undergrowth and enter scattering timber. Asc.
40.00	Set a sandstone, 16x8x5 ins., 11 ins. in the ground, for sec.cor.. mkd. on W. face; from which A pinon pine, 12 ins. dia., bears S. 71° 30' E., 35 lks. dist.. mkd. S 12 B T. A pinon pine, 12 ins. dia., bears N. 79° 50' W., 72 lks. dist.. mkd. S 11 B T.

## Corrective Notes of

## Subdivision of T.6 S R 7 W -Continued

- chs. Enter ledges,bears NE and SW.
- 75.00 Top of ridge,1200 ft.above canon,bears N. $70^{\circ}$ E.and S. $70^{\circ}$ W.
- Desc.
- Leave ledges,bears N. $70^{\circ}$ E.and S. $70^{\circ}$ W.
- 76.20 Leave timber,bears N. $60^{\circ}$ E.and S. $60^{\circ}$ W.
- 80.00 Set a sandstone,16x10x4 ins.,11 ins.in the ground,for  
<sup>74.50</sup>  
~~5.90~~ cor.of secs.1,2,11, and 12,mkd.with 5 notches on S.and  
 1 notch on E.edges;dig pits,18x18x12 ins.in each sec.,  
 5 $\frac{1}{2}$  ft.dist.;and raise a mound of earth,4 ft.base,2 ft.  
 high,W.of cor.
- Land,mountainous and level.
- Soil,gravelly loam and rocky;2dnd and 4th rate.
- Timber,pine and cedar.
- Undergrowth,sage brush.
- Good grass for grazing.
- Mountainous land,or land covered with dense undergrowth,  
 74.80 chs.
- May 12,1905:At this cor.I set off  $18^{\circ}07'N.$ ,on the decl.  
 arc;and at 11h 56m a.m.,l.m.t.,I observe the sun on  
 the meridian the resulting lat.is  $39^{\circ}59'N.$ ,which is the  
 proper lat.nearly.
- 
- N. $89^{\circ}46'E.$ ,on a random line betsecs.1 and 12.
- 40.00 Set temp.  $\pm$  sec.cor.
- 80.24 Intersect E.bdy.of Tp.,10 lks.N.of the cor.of secs.1,6,  
 7, and 12,which is a sandstone,5x10x8 ins.,above ground,  
 firmly set, and mkd. and witnessed as described by  
 Deputies Stewart and Stewart.
- Thence I run
- S. $89^{\circ}50'W.$ ,on a true line betsecs.1 and 12.
- Over level canon bottom;through dense willows.
- 5.75 Creek,6 lks.wide,2 ins.deep,course S. $60^{\circ}$ E.

## Corrective Notes of

Subdivision of T.6 S., R.7 W.-Continued.

Chs.

8.75 Same creek, 6 lks. wide, course NE.

12.50 Old road, bears NE and SW.

13.50 Leave bottom of canon, bears NE and SW.

Leave undergrowth, bears NE and SW.

Asc.

25.00 Enter scattering timber, bears NE and SW.

40.12 Set a limestone, 16x10x8 ins., 11 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from whichA pinon pine, 11 ins. dia., bears N. 35° E., 58  
lks. dist.. mkd.  $\frac{1}{4}$  S 1 B T.A pinon pine, 12 ins. dia., bears S. 30° W., 65 lks.  
dist. mkd.  $\frac{1}{4}$  S 12 B T.

40.50 Enter heavy timber, bears NE and SW.

66.50 Top of ridge, 100 ft. above canon, bears N. 80° E. and S. 80°  
W.

Leave timber, bears same.

Continue ascent along side of ridge.

80.24 The cor. of secs. 1, 2, 11, and 12.

Land, mountainous and level.

Soil, gravelly loam and rocky; 2nd and 4th rate.

Timber, pine and cedar.

Undergrowth, willows.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered  
with dense undergrowth, 80.24 chs.

N. 0° 1' W., on a random line bet. secs. 1 and 2.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.80.20 Intersect N. bdy. of Tp., 10 lks. E. of the cor. of secs.  
1, 2, 35, and 36, which is a sandstone, 5x12x4 ins., above  
ground, firmly set, and mkd. and witnessed as described by  
Deputies Stewart and Stewart.

## Corrective Notes of

S. I. C. I. M. O. F. T. R. C. R. N. W. - Cont'd.

- Chs. Thence I run  
S. 0° 5' E., on a true line bet. secs. 1 and 2.  
Over mountainous land; through scattering timber.  
Desc. .  
27.00 Head of hollow, 300 ft. below sec. cor., course NE.  
Asc. .  
40.20 Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which  
A red pine, 3 ins. dia. bears S. 60° E., 32 lks.  
dist.. mkd.  $\frac{1}{4}$  S 1 B T.  
A red pine, 5 ins. dia., bears N. 53° W., 77 lks.  
dist.. mkd.  $\frac{1}{4}$  S 2 B T.  
44.50 Top of divide ridge bet. Indian Canon and left hand fork  
of Indian Canon, 600 ft. above hollow, bears N 50° E. and S.  
50° W..  
Desc. .  
75.50 Bottom of hollow, 500 ft. below ridge, course N. 75° E.,  
heavy timber, bears with hollow.  
Asc. .  
80.20 The cor. of secs. 1, 2, 11, and 12.  
Land, mountainous .  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, pine and cedar.  
Good grass for grazing.  
Mountainous land, 80.20 chs.

May 12, 1905.

May 13, 1905: At 7 h 2 m a.m., l.m.t., I set off 39° 56' N.,  
on the lat. arc; 18° 20' N., on the decl. arc; and determine a  
meridian at the cor. of secs. 25, 26, 35, and 36.

Thence I run

S. 89° 59' W., on a true line bet. secs. 26 and 35.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

- Chs. Over mountainous land; through heavy timber.  
 Desc.  
 1.00 Leave timber, bears N. and S. Enter scattering undergrowth.  
 4.00 Bottom of hollow, 100 ft. below sec. cor., course S. 20° E.  
 Asc.  
 19.00 Top of divide ridge bet. Sower's Canon and Jones Hollow.  
 700 ft. above hollow, bears NE and SW.  
 Desc.  
 21.00 Enter heavy timber, bears N and S.  
 28.00 Bottom of hollow, 250 ft. below ridge, course N. 40° E.  
 Asc.  
 33.50 Top of ridge, 150 ft. above hollow, bears N. and S.  
 Leave heavy and enter scattering timber, bears same.  
 Desc.  
 40.00 Set a pine post 3 ft. long, 5 ins. sq., 24 ins. in the  
 ground, for  $\frac{1}{2}$  sec. cor., mkd.  $\frac{1}{2}$  S 26 on N. side, 35 on S. side  
 from which  
 A pine, 10 ins. dia., bears N. 65° W., 220 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 26 B T.  
 A red pine, 20 ins. dia., bears S. 64° 20' W., 197  
 lks. dist.. mkd.  $\frac{1}{2}$  S 35 B T.  
 60.50 Bottom of Jones Hollow, 1000 ft. below ridge, course N. 20° E.  
 Leave timber, bears same.  
 Asc.  
 80.00 Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for  
 cor. of secs. 26, 27, 34, and 35, mkd. with 1 notch on S. and  
 2 notches on N. edges; and raise a mound of stone, 2 ft.  
 base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
 Land, mountainous.  
 Soil, gravelly loam; 2nd rate.  
 Timber, pine and cedar.  
 Undergrowth, sage brush and service berry.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 80.00 chs.

## Corrective Notes of Survey

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.

Note: The line bet. secs. 34 and 35 will intersect the Reservation bdy. therefore I run

S. 0° 1'E., on a true line bet. secs. 34 and 35.

Over mountainous land; through dense undergrowth.

Desc.

6.50 Bottom of hollow, 100 ft. below sec.cor., bourse N. 80° E.

Asc.

15.00 Top of spur, 100 ft above hollow, bears NE and SW.

Desc.

37.00 Bottom of hollow, 200 ft. below spur, course N. 80° E.

Asc.

40.00 Set a sandstone, 14x10x5 ins., 9 ins. in the ground, for  
sec.cor., mkd.  $\frac{1}{2}$  on W. face; dig pits, 18x18x12 ins., N. and  
S. of stone, 3 ft. dist.; and raise a mound of earth,  $3\frac{1}{2}$  ft.  
base,  $1\frac{1}{2}$  ft. high, W. of cor.

63.00 Intersect South Boundary of Uintah Indian Reservation.

Set a shalestone, 15x8x5 ins., 10 ins. in the ground, for  
closing cor. of fract. secs. 34 and 35, mkd. C C U I R with  
6 grooves on N., 2 grooves on E. and PL on S. faces;  
and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
From the closing cor. the  $\frac{1}{2}$  mile cor. bet. the 62nd and 63rd  
mile cors. on the bdy., as established by Deputies A.H.  
and F.M. Brown, bears as follows:

S. 37° 45' W., 17.72 chs. to the  $\frac{1}{2}$  mile post  
bet. the 62nd and 63rd mile cors.

This cor. is on top of Divide ridge bet. Jones Hollow  
and Argyle Canon, 500 ft. above canon, bears N. 37° E. and  
S. 37° W.

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, sage brush, serviceberry and buck brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth,

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W. Continued.

- Chs. 63.00 chs.
- N. 0° 01' W., bet. secs. 26 and 27.  
Over mountainous land; through dense undergrowth.  
Asc.
- 10.00 Enter scattering timber, bears E. and W.
- 40.00 Set a shalestone, 22x18x4 ins., 16 ins. in the ground, for sec.cor.. mkd.  $\frac{1}{4}$  on W. face; from which  
 A cedar, 10 ins. dia., bears N. 55° 30' E., 39 lks.  
 dist.. mkd.  $\frac{1}{4}$  S 26 B T.  
 A cedar, 10 ins. dia., bears S. 49° W., 173 lks.  
 dist.. mkd.  $\frac{1}{4}$  S 27 B T.
- 61.00 Top of ridge, 600 ft. above sec.cor., bears N. 25° E. and S. 25° W.  
Descend. through heavy timber.
- 80.00 Set a shalestone, 16x9x4 ins., 11 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, mkd. with 2 notches on S. and E. edges; from which  
 A red pine, 8 ins. dia., bears N. 23° 25' E., 21 lks. dist.. mkd. T 6 S R 7 W S 23 B T.  
 A red pine, 5 ins. dia., bears S. 41° E., 47 lks.  
 dist.. mkd. T 6 S R 7 W S 26 B T.  
 A red pine, 6 ins. dia., bears S. 47° 05' W., 43 lks. dist.. mkd. T 6 S R 7 W S 27 B T.  
 A red pine, 4 ins. dia., bears N. 39° 40' W., 51 lks. dist.. mkd. T 6 S R 7 W S 22 B T.
- Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine.  
Good grass for grazing.  
Undergrowth, sage and buck brush.  
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

S.W.L. 40.

Sum p. 80.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

## Chs. Desc.

66.00 Enter heavy timber, bears N. and S.  $30^{\circ}$  W.69.25 Bottom of hollow, 100 ft. below ridge, course N.  $40^{\circ}$  W.

## Asc.

80.32 The cor. of secs. 22, 23, 26, and 27.

Land, mountainous.

Soil, gravelly and white clay; 3rd rate.

Timber, pine and cedar.

Good grass for grazing.

Undergrowth, service berry and deer brush.

Mountainous or heavily timbered land, 80.32 chs.

N.  $0^{\circ} 01' W$ , bet. secs. 22 and 23.

Over mountainous land; through heavy timber.

## Desc.

36.50 Bottom of hollow, 600 ft. below sec. cor., course N.  $40^{\circ}$  W.

## Asc.

40.00 Set a sandstone, 18x8x4 ins., 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on W. face; from whichA pinon pine, 24 ins. dia., bears N.  $84^{\circ} 30' E$ ., 36  
lks. dist.. mkd.  $\frac{1}{4}$  S 23 B T.A cedar, 10, ins. dia., bears N.  $79^{\circ} 30' W$ ., 172  
lks. dist.. mkd.  $\frac{1}{4}$  S 22 B T.55.00 Top of ridge, 300 ft. above hollow, bears N.  $80^{\circ} W$ . and S.  
80 $^{\circ}$  E.

## Desc.

80.00 Set a sandstone, 20x6x6 ins., 15 ins. in the ground, for  
cor. of secs. 14, 15, 22, and 23, mkd. with 3 notches on S.  
and 2 notches on E, edges; from whichA red pine, 6 ins. dia., bears S.  $58^{\circ} 06' E$ ., 46  
lks. dist.. mkd. T 6 S R 7 W S 23 B T.A pinon pine, 8 ins. dia., bears S.  $21^{\circ} 22' W$ ., 34  
lks. dist.. mkd.  $\frac{1}{4}$  T 6 S R 7 W S 22 B T.

Sum p. 81

## Corrective Notes of

Subdi-vision-of-T.-6-S.-R.-7-W.-Continued.

Chs. May 13, 1905: At the noon hour the sky is overcast and solar observations are impossible.

N89° 59' E., on a random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.32 Intersect N. and S. line, 12 lks. S. of the cor. of secs. 23, 24, 25, and 26.

Thence I run

S.89° 54' W., on a true line bet. secs. 23 and 26.

Over mountainous land; through scattering timber.

Asc.

6.00 Top of ridge, 250 ft. above sec. cor., bears N. 30° W. and S. 30° E.

Desc.

6.25 Leave timber and enter scattering undergrowth, bears N. 30° W. and S. 30° E.

15.50 Bottom of hollow, 250 ft. below ridge, course N. 30° W.

Asc.

24.00 Top of ridge, 350 ft. above hollow, bears N. and S.

Desc.

30.00 Enter heavy timber, bears N. and S.

40.16 Set a limestone, 24x12x8 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which

A pinon pine, 20 ins. dia., bears N. 80° 45' E., 60 lks. dist.. mkd.  $\frac{1}{4}$  S 23 B T.

A pinon pine, 16 ins. dia., bears S. 62° E., 123 lk lks. dist.. mkd.  $\frac{1}{4}$  S 26 B T.

40.50 Leave timber, bears N. and S.

42.50 Bottom of Jones Hollow, 350 ft. below ridge, course N. 15° E.

Asc.

65.75 Top of ridge, 600 ft. above Jones Hollow, bears N. 20° E S. 30° W.

SN 10-79

## Corrective Notes of

Jan 19.

## Subdivision of T. 6 S., R. 7 E.-Continue

- Chs. No other trees within limits; raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and cedar.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.00 chs.
- 
- N.  $89^{\circ} 54' E$ , on a random line bet. secs. 14 and 23.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.24 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 13, 14, 23, and 24.  
Thence I run  
N.  $89^{\circ} 57' W$ , on a true line bet. secs. 14 and 23.  
Over mountainous land;  
Desc.  
1.30 Spring branch, 1 lk. wide, 1 in. deep, course N.  $10^{\circ} W$ . in bottom of Jones Hollow.  
3.50 Enter scattering timber, bears N. and S.  
Asc. abruptly over ledges.  
35.50 Top of ridge, 1200 ft. above sec. cor., bears N.  $15^{\circ} E$ . and S.  $15^{\circ} W$ .  
Desc.  
40.12 Set a sandstone, 18x8x4 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
A red pine, 12 ins. dia., bears N.  $67^{\circ} 30' W$ ., 26 lks. dist.. mkd.  $\frac{1}{4}$  S 14 B T.  
A red pine, 14 ins. dia., bears S.  $8^{\circ} 25' W$ ., 34 lks. dist.. mkd.  $\frac{1}{4}$  S 23 B T.  
80.24 The cor. of secs. 14, 15, 22 and 23 (1200 ft. below ridge)  
Land, mountainous.  
Soil, gravelly and rocky; 2nd and 4th rate.  
Timber, pine and cedar.  
Good grass for grazing.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs. Mountainous land, 80.24 chs.

May 13, 1905.

May 14, 1905: At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 58' N.$ , on the lat.arc;  $18^{\circ} 35' N.$ , on the decl.arc; and determine a meridian, with the solar, at the cor.of secs. 14, 15, 22, and 23.

Thence I run

N. $0^{\circ} 1' W.$ , bet.secs.14 and 15.

Over mountainous land; through scattering undergrowth.

2.00 Foot of descent, bears NE and SW.

Enter bottom of left hand fork of Indian Canon.

Enter dense undergrowth.

5.70 Creek, 4 lks.wide, 6 ins.deep, course N. $5^{\circ} E.$ .

14.00 Road, from Colton to elaterite mine, bears NE and SW.

28.00 Leave canon bottom, bears NE and SW.

Leave undergrowth and enter scattering timber, bears NE and SW.

Asc.

32.25 Top of spur, 200 ft.above canon, bears E. and W.

Desc.

40.00 Bottom of hollow, 150 ft.below spur, course S. $80^{\circ} E.$

Set a sandstone, 16x9x4 ins., 11 ins.in the ground, for  $\frac{1}{2}$  sec.cor.. mkd. $\frac{1}{2}$  on W.face; from which

A pinon pine, 10 ins.dia., bears N. $54^{\circ} 49' W.$ ,

149 lks.dist.. mkd. $\frac{1}{2}$  S 15 B T.

No other trees within limits; raise a mound of stone, 2 ft.base, 1 $\frac{1}{2}$  ft.high, W.of cor.

Asc.

47.00 Top of ridge, 600 ft.above hollow, bears N. $70^{\circ} E.$  and S. $70^{\circ} W.$

Desc.

57.50 Bottom of hollow, 200 ft.below ridge, course N. $70^{\circ} E.$

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W. -Continued.

Chs.	Asc.
80.00	Set a limestone, 16x8x4 ins., 11 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, mkd. with 4 notches on S. and 2 notches on E. edges; from which A pinon pine, 9 ins. dia., bears N. 44° 30' E., 150 lks. dist.. mkd. T 6 S R 7 W S 11 B T. A pinon pine, 12 ins. dia., bears S. 59° E., 21 lks. dist.. mkd. T 6 S R 7 W S 14 B T. A pinon pine, 12 ins. dia., bears S. 50° 30' W., 52 lks. dist.. mkd. T 6 S R 7 W S 15 B T. A red pine, 10 ins. dia., bears N. 50° W., 73 lks. dist.. mkd. T 6 S R 7 W S 10 B T.
	Land, mountainous.
	Soil, gravelly and white clay ; 3rd rate.
	Timber, pinon pine, red pine and cedar.
	Undergrowth, sage brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
40.00	S. 89° 57' E., on a random line bet. secs. 11 and 14. Set temp <sup>1</sup> sec. cor.
80.30	Intersect N. and S. line, at the cor. of secs. 11, 12, 13, and 14.
8.60	Thence I run N. 89° 57' W., on a true line bet. secs. 11 and 14.
12.00	Over meadow in left hand fork of Indian Canon.
14.65	Leave meadow and enter dense willows, bears N. and S. Creek, 6 lks. wide, 3 ins. deep, course N. 30° E. Leave willows and enter dense rabbit brush, bears N. 30° E. and S. 30° W. Road from Colton to elaterite mine, bears N. 30° E. and S. 30° W.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.: -Continued.

- Chs. 17.65 Leave canon bottom, bears N. 30° E. and S. 30° W.,  
          Leave undergrowth and enter scattering timber, bears  
          N. 30° E. and S. 30° W.  
          Asc.  
 19.25 Enter heavy timber, bears N. and S.  
 40.15 Point 400 ft. above canon.  
        Set a sandstone, 20x12x3 ins., 15 ins. in the ground, for  
        sec.cor..mkd. $\frac{1}{2}$  on N. face; from which  
          A pinon pine, 12 ins. dia., bears N. 65° 30' E.,  
          50 lks. dist..mkd. $\frac{1}{2}$  S 11 B T.  
          A pinon pine, 12 ins. dia., bears S. 10° 10' W., 21  
          lks. dist..mkd. $\frac{1}{2}$  S 14 B T.  
 59.20 Spring branch, 1 lk. wide, 1 in. deep, on side of mountain,  
        course S. 60° E.  
 80.30 The cor. of secs. 10, 11, 14, and 15, 1000 ft. above canon.  
        Land, mountainous and level.  
        Soil, gravelly and rocky; 2nd and 4th rate.  
        Timber, pinon pine red pine and cedar.  
        Undergrowth, sage brush, willows and rabbit brush.  
        Good grass for grazing.  
        Mountainous or heavily timbered land, or land covered  
        with dense undergrowth 80.30 chs.

&amp; \_\_\_\_\_

N. 0° 1' W., bet. secs. 10 and 11.

Over mountainous land; through heavy timber.

Asc.

15.30 Top. of divide ridge bet. Indian Canon and left hand fork  
       of Indian Canon, 600 ft. above sec.cor., bears N. 60° E. and  
       S. 60° W.

Desc.

33.00 Bottom of hollow, 600 ft. below ridge, course N. 20° W.

Asc.

## Corrective Notes of

Subdivision of T.6 S., R.7 W.-Continued.

Chs.	
40.00	<p>Set a sandstone, 16x11x3 ins., 11 ins. in the ground, for  <math>\frac{1}{2}</math> sec.cor.. mkd.<math>\frac{1}{4}</math> on W. face; from which</p> <p>A red pine, 10 ins. dia., bears S. 52° E., 47 lks. dia. mkd.<math>\frac{1}{4}</math> S. 11 B T.</p> <p>A red pine, 6 ins. dia., bears N. 87° 10' W., 60 lks. dist.. mkd.<math>\frac{1}{4}</math> S 10 B T.</p>
80.00	<p>Point 200 ft. below hollow.</p> <p>Set a sandstone, 18x14x4 ins., 12 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, mkd. with 5 notches on S. and 2 notches on E. edges; from which</p> <p>A red pine, 6 ins. dia., bears N. 64° E., 53 lks. dist.. mkd. T 6 S R 7 W S 2 B T.</p> <p>A red pine, 24 ins. dia., bears S. 18° 10' E., 82 lks. dist.. mkd. T 6 S R 7 W S 11 B T.</p> <p>A red pine, 12 ins. dia., bears S. 81° 30' W., 91 lks. dist.. mkd. T 6 S R 7 W S 10 B T.</p> <p>A pinon pine, 14 ins. dia., bears N. 42° 30' W., 41 lks. dist.. mkd. T 6 S R 7 W S 3 B T.</p> <p>Land, mountainous.</p> <p>Soil, gravelly; 3rd rate.</p> <p>Timber, pine and cedar.</p> <p>Good grass for grazing.</p> <p>Mountainous or heavily timbered land, 80.00 chs.</p> <p>May 14, 1905: At the noon hour the sky is overcast and solar observations are impossible.</p> <hr/> <p>S. 89° 57' E., on a random line bet. secs. 2 and 11.</p> <p>40.00 Set temp.<math>\frac{1}{4}</math> sec.cor.</p> <p>80.06 Intersect N. and S. line, 21 lks. S. of the cor. of secs. 1, 2, 11, and 12.</p> <p>Thence I run</p> <p>S. 89° 54' W., on a true line bet. secs. 2 and 11.</p>

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued

Chs.	Over mountainous land; through scattering undergrowth.
Asc.	
12.00	Enter scattering timber, bears N. and S.
32.00	Top of divide ridge bet. Indian Canon and the left hand fork of Indian Canon, 500 ft. above sec.cor., bears N. 30° E. and S. 30° W.
Desc.	
40.06	Set a sandstone, 18x11x3 ins., 12 ins. in the ground, for sec.cor.. mkd. $\frac{1}{4}$ on N. face; from which
	A red pine, 4 ins. dia., bears N. 11° W., 63 lks. dist.. mkd. $\frac{1}{4}$ S 2 B T.
	A red pine, 10 ins. dia., bears S. 3° E., 9 lks. dist.. mkd. $\frac{1}{4}$ S 11 B T.
61.00	Bottom of hollow, 800 ft. below ridge, course N. 35° W.
Asc.	
73.00	Top of ridge, 500 ft. above hollow, bears N. 35° W. and S. 35° E.
Desc.	
80.06	The cor. of secs. 2, 3, 10, and 11.
	Land, mountainous.
	Soil, gravelly and white clay; 3rd rate.
	Timber. pinon pine and red pine.
	Undergrowth, sage brush.
	Good grass for grazing.
	Mountainous land, 80.06 chs.
	N. 0° 01' W., on a random line bet. secs. 2 and 3.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.20	Intersect N. bdy. of Tp., 14 lks. E. of the cor. of secs. 2, 3, 34, and 35, which is a sandstone, 5x8x4 ins., above ground, firmly set, and mkd. and witnessed as described by deputies Stewart and Stewart.
	Thence I run

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

- Chs. S. 0° 7'E., on a true line bet. secs. 2 and 3.  
 Over mountainous land; through scattering timber.  
 Asc. along side of ridge.  
 27.00 Top of ridge, 300 ft. above sec. cor., bears N. 30° W. and S. 30° E.  
 Desc.  
 40.20 Set a sandstone 18x8x4 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which:  
     A pinon pine, 10 ins. dia., bears N. 49° E., 219 lks. dist.. mkd.  $\frac{1}{4}$  S. 2 B. T.  
     A cedar, 6 ins. dia., bears N. 38° 30' W., 38 lks. dist.. mkd.  $\frac{1}{4}$  S. 3 B. T.  
 54.50 Bottom of hollow, 350 ft. below spur, occurs N. 75° W.  
 Asc.  
 70.00 Top of ridge, 300 ft. above hollow, bears N. 25° W. and S. 25° E.  
 Desc.  
 80.20 The cor. of secs. 2, 3, 10, and 11.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pinon pine, red pine and cedar.  
 Good grass for grazing.  
 Mountainous land, 80.20 chs.

May 14, 1905.

May 15, 1905: At 7 h 3 m a.m., l.m.t., I set off 39° 55' N., on the lat. arc; 18° 49' N., on the decl. arc; and determine a meridian, at the cor. of secs. 3, 4, 33, and 34, on S. bdy. of Tp., heretofore described.

Thence I run

N. 0° 2' W., bet. secs. 33 and 34.

Over mountainous land; through scattering timber.

Asc.

## Corrective Notes of

Subdivision of T.6 S., R.7 W.-Continued.

Chs.	
15.50	Top of ridge, 250 ft. above sec.cor., bears N. $40^{\circ}$ W. and S. $40^{\circ}$ E. Enter heavy timber, bears with ridge .
	Desc..
35.00	Bottom of hollow, 350 ft. below ridge, course NW .
	Asc..
36.00	Leave timber, bears NW and SE.
40.00	Set a limestone, 20x9x4 ins., 15 ins. in the ground, for sec.cor.. mkd. $\frac{1}{4}$ on W.face; from which A red pine, 6. ins.dia., bears S. $77^{\circ}$ E., 239 lks. dist.. mkd. $\frac{1}{4}$ S 34 B T. An aspen, 7 ins.dia., bears S. $31^{\circ}$ W., 143 lks. dist.. mkd. $\frac{1}{4}$ S 33 B T.
44.00	Enter scattering timber, bears E. and W.
76.00	Top of ridge, 600 ft. above hollow, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E. Leave timber, bears same. Enter dense undergrowth, bears same .
	Desc..
50.00	Set a sandstone, 24x6x3 ins., 18 ins. in the ground, for cor.of secs. 27.28,33, and 34, mkd. with 1 notch on S. and 3 notches on E.edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W.of cor. Land, mountainous . Soil, gravelly ; 3rd rate. Timber, pine and aspen and cedar. Undergrowth, deer brush and service berry. Good grass for grazing. Mountainous land, or heavily timbered land, or land cover covered with dense undergrowth, 80.00 chs.
	N. $89^{\circ}59' E.$ , on a random line betsecs. 27 and 34.
40.00	Set temp. $\frac{1}{4}$ sec.cor.

## Corrective Notes of

Subdivision of T. &amp; R. 7. -Contin.

Chs.

80.22 Intersect N. and S. line, at the cor. of secs. 26, 27, 34, and 35.

Thence I run

S. 89° 59' W., on a true line bet. secs. 27 and 34.

Over mountainous land; through scattering timber and scattering undergrowth.

Asc.

7.00 Top of ridge, 500 ft. above sec. cor., bears N. 10° E. and S. 10° W.

Desc.

40.11 Set a limestone, 20x12x3 ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

52.25 Bottom of hollow, 1000 ft. below ridge, course N 15° W.

Asc.

80.22 The cor. of secs. 27, 28, 33, and 34.

Land, mountainous,

Soil, gravelly loam and white clay; 2nd and 3rd rate.

Timber, pine and aspen.

Undergrowth, service berry and deer brush.

Good grass for grazinf.

Mountainous land, 80.22 chs.

N. 0° 2' W., bet. secs. 27 and 28.

Over mountainous land; through scattering timber and scattering undergrowth.

Desc.

40.00 Set a sandstone, 20x10x4 ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

57.00 Foot of descent, 700 ft. below sec. cor., bears NW and SE.

Enter bottom of left hand fork of Indian Canon.

Enter dense undergrowth.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W. -Continued

- |       |  |
|-------|--|
| Chs.  |  |
| 61.80 | Creek, 5 lks. wide, 4 ins. deep, course NE.  |
| 74.00 | Road from Colton to the elaterite mine, bears NE and SW.   |
| 80.00 | Set a sandstone, 18x9x4 ins., 12 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, mkd. with 2 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.<br>Land, mountainous and level.<br>Soil, gravelly loam and white clay; 2nd and 3rd rate.<br>Timber, pine and cedar.<br>Undergrowth, sage brush and deer brush.<br>Good grass for grazing.<br>Mountainous land or land covered with dense undergrowth.<br>80.00 chs.<br>May 15, 1905: At the noon hour the sky is overcast and solar observations are impossible. |
| 40.00 | N. $89^{\circ} 59' E.$ , on a random line bet. secs. 22 and 27.<br>Set temp. $\frac{1}{4}$ sec. cor.   |
| 80.20 | Intersect N. and S. line, 12 lks. N. of the cor. of secs. 22, 23, 26, and 27.<br>Thence I run<br>N. $89^{\circ} 56' W.$ , on a true line bet. secs. 22 and 27.<br>Over mountainous land; through heavy timber.<br>Asc.   |
| 9.75  | Top of ridge, 400 ft. above sec. cor., bears N. $30^{\circ} W.$ and S. $30^{\circ} E.$<br>Leave heavy and enter scattering timber, bears same<br>Desc.   |
| 40.10 | Set a sandstone, 22x14x3 ins., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; from which<br>A red pine, 8 ins. dia., bears N. $49^{\circ} 31' W.$ , 100 lks. dist.. mkd. $\frac{1}{4}$ S. 22' B.T.   |

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	A red cedar, 10 ins. dia., bears S. 74° 53' E., 108 lks. dist.. mkd. $\frac{1}{4}$ S 27 B T.
67.00	Foot of descent, 1000 ft. below ridge, bears NE and SW. Enter bottom of left hand fork of Indian Canon, bears NE and SW. Leave timber and enter dense undergrowth, bears NE and SW.
68.50	Creek, 5 lks. wide, 3 ins. deep, moderate current, course NE.
74.00	Road from Colton to elaterite mine, bears NE and SW.
80.20	The cor. of secs. 21, 22, 27, and 28. Land, mountainous and level. Soil, gravelly loam and rocky; 2nd and 4th rate. Timber, pine and cedar. Undergrowth, sage brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.20 chs.

N. 0° 2' W., bet. secs. 21 and 22.

Over level canon bottom ; through dense undergrowth.

4.00	Leave canon bottom, bears N. 60° E. and S. 60° W. Leave undergrowth and enter scattering timber . ASC.
10.00	Top of spur, 200 ft. above sec. cor., bears E. and W. DESC.
18.00	Bottom of hollow, 150 ft. below spur, course S. 70° E. ASC. abruptly over ledges.
40.00	A mahogany, 6 ins. dia., for $\frac{1}{2}$ sec. cor., I mark $\frac{1}{2}$ S 21 on W. side , 22 on E. side, from which A pinon pine, 14 ins. dia., bears S. 24° 30' E., 70 lks. dist.. mkd. $\frac{1}{4}$ S 22 B T. A mahogany, 4 ins. dia., bears N. 52° W., 25 lks. dist.. mkd. $\frac{1}{4}$ S 21 B T.

## Corrective Notes of

Subdivision of T 6 S - R 7 W -Continued

- |       |   |
|-------|---|
| Chs.  |   |
| 50.50 | Leave ledges, bears E. and W.   |
| 80.00 | Top of divide ridge bet. Indian Canon and left hand fork of Indian Canon, 1500 ft. above sec. cor., bears NE and SW. Set a pine post, 4 ft. long, 4 ins. sq., 24 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, mkd.<br><br>T 6 S S 15 on NE,<br>R 7 W S 22 on SE.<br>S 21 on SW., and<br>S 16 on NW side; with 3 notches on S., and E. edges; from which<br><br>A red pine, 10 ins. dia., bears N. 58° 50' E., 130 lks. dist.. mkd. T 6 S R 7 W S 15 B T.<br>A red pine, 10 ins. dia., bears S. 72° E., 110 lks. dist.. mkd. T 6 S R 7 W S 22 B T.<br>A red pine, 24 ins. dia., bears S. 1° 30' W., 205 lks. dist.. mkd. T 6 S R 7 W S 21 B T.<br>A red pine, 4 ins. dia., bears N. 21° 05' W., 185 lks. dist.. mkd. T 6 S R 7 W S 16 B T.<br><br>Land, mountainous and level.<br>Soil, gravelly; 3rd rate.<br>Timber, pine and cedar, and mahogany.<br>Undergrowth, sage brush.<br>Good grass for grazing.<br>Mountainous land, or land covered with dense undergrowth, 80.00 chs. |
| 40.00 | S. 89° 56' E., on a random line bet. secs. 15 and 22.<br>Set temp. at sec. cor.)  |
| 80.10 | Intersect N. and S. line, 25 lks. S. of the cor. of secs. 14, 15, 22, and 23.<br><br>Thence I run   |

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	S. 89° 53' W., on a true line bet. secs. 15 and 22.
	Over mountainous land; through scattering timber.
Desc.	
4.25	Foot of descent, bears NE and SW. Enter bottom of left hand fork of Indian Canon. Leave timber and enter dense undergrowth, bears NE and SW.
10.50	Creek, 10 lks. wide, 4 ins. deep, in bottom of wash, 50 lks. wide, 4 ft. deep, course NE.
13.00	Road from Colton to galaterite, bears NE and SW.
27.25	Leave canon bottom, bears NE and SW. Leave undergrowth and enter heavy timber, bears NE and SW.
	Asc.
40.05	Top of spur, 500 ft. above canon, bears NE and SW. Set a sandstone, 22x7x4 ins., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A red pine, 9 ins. dia., bears N. 49° 30' W., 109 lks. dist.. mkd. $\frac{1}{4}$ S 15 B T. A red pine, 6 ins. dia., bears S. 75° W., 135 lks. dist.. mkd. $\frac{1}{4}$ S. 22 B T.
	Desc.
47.00	Bottom of hollow, 100 ft. below spur, course NE
	Asc.
80.10	The cor. of secs. 15, 16, 21, and 22. Land, mountainous and level. Soil, gravelly loam and white clay; 2nd and 3rd rate. Timber, pine and cedar. Undergrowth, sage and rabbit brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.10 chs.

May 15, 1905.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued

Chs.	May. 16, 1905: At 7 h. 4 m a.m., l.m.t., I set off $39^{\circ} 58' N.$ , on the lat.arc; $19^{\circ} 03' N.$ , on the decl.arc; and determine a meridian with the solar, at the cor.of secs. 15, 16, 21, and 22.
	Thence I run $N. 0^{\circ} 2' W.$ , bet. secs. 15 and 16. Over mountainous land; through scattering timber.
	Desc.
33.00	Enter heavy timber, bears $N. 30^{\circ} W.$ and $S. 30^{\circ} E.$ .
40.00	Set a sandstone, $15 \times 8 \times 5$ ins., 10 ins. in the ground, for $\frac{1}{2}$ sec.cor.. mkd. $\frac{1}{4}$ on W. face; from which  A red pine, 7 ins. dia., bears $S. 89^{\circ} E.$ , 15 lks. dist.. mkd. $\frac{1}{4}$ S 15 B T.  A red pine, 4 ins. dia., bears $N. 44^{\circ} 30' W.$ , 20 lks. dist.. mkd. $\frac{1}{4}$ S 16 B T.
43.00	Bottom of hollow, 700 ft. below sec.cor., course $N. 30^{\circ} W.$
	Asc.
53.60	Top of spur, 300 ft. above hollow, bears $N. 30^{\circ} W.$ and $S. 30^{\circ} E.$
	Desc.
64.00	Bottom of hollow, 300 ft. below spur, course $N. 50^{\circ} W.$
	Asc.
80.00	Set a limestone, $20 \times 10 \times 3$ ins., 15 ins. in the ground, for cor.of secs. 9, 10, 15, and 16, mkd. with 4 notches on S. and 3 notches on E.edges; from which  A pinon pine, 14 ins. dia., bears $N. 36^{\circ} 45' E.$ , 68 lks. dist.. mkd. T 6 S R 7 W S 10 B T.  A pinon pine, 14 ins. dia., bears $S. 18^{\circ} 10' E.$ , 55 lks. dist.. mkd. T 6 S R 7 W S 15 B T.  A pinon pine, 13 ina. dia., bears $S. 71^{\circ} 30' W.$ , 35 lks. dist.. mkd. T 6 S R 7 W S 16 B T.  A pinon pine, 12 in. dia., bears $N. 73^{\circ} 10' W.$ , 29 lks. dist.. mkd. T 6 S R 7 W S 9 B T.
	Land, mountainous.

## Corrective Notes of

Subdivision of the C. &amp; P. R. Co. Cont'd.

Chs. Soil, gravelly and rocky; 3rd and 4th rate.

Timber, pine and cedar.

Good grass for grazing.

Mountainous or heavily timbered land, 80.00 chs.

N. 89° 53' E., on a random line bet. secs. 10 and 15.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

80.26 Intersect N. and S. line, 27 lks. N. of the cor. of secs. 10, 11, 14, and 15.

Thence I run

N. 89° 55' W., on a true line bet. secs. 10 and 15.

Over mountainous land; through heavy timber.

Asc.

35.30 Top of ridge, 500 ft. above cor., bears NE and SW. This is divide ridge bet. Indian Canon and the left hand fork of Indian Canon.

Desc.

40.13 Set a sandstone, 15x10x5 ins., 10 ins. in the ground, for sec. cor. mkd.  $\frac{1}{4}$  on N. face; from which

A red pine, 5 ins. dia., bears N. 70° E., 94 lks.

dist. mkd.  $\frac{1}{4}$  S 10 B T.

A red pine, 5 ins. dia., bears S. 24° W., 122 lks.

dist. mkd.  $\frac{1}{4}$  S 15 B T.

80.26 The cor. of secs. 9, 10, 15, and 16.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine.

Good grass for grazing.

Mountainous or heavily timbered land, 80.26 chs.

N. 0° 2' W., bet. secs. 9 and 10.

Over mountainous land; through scattering timber.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	Asc.
10.30	Top of spur, 100 ft. above sec. cor. bears N. 60° W. and S. 60° E. Enter heavy timber, bears E. and W.
	Desc.
40.00	Set a sandstone, 16 x 8x7 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on W. face; from which A red pine, 8 in dia., bears N. 63° E., 87 lks. dist.. mkd. $\frac{1}{4}$ S 10 B T. A red pine, 10 ins. dia., bears N. 78° 07' W., 39 lks. dist.. mkd. $\frac{1}{4}$ S 9 B T.
65.50	Leave timber and enter dense undergrowth, bears NE and SW.
66.50	Foot of descent, 600 ft. below ridge, bears NE and SW. Enter bottom of Indian Canon.
74.25	Creek, 4 lks. wide, 3 ins. deep, course N. 50° E.
74.75	Colton, Vernal road, bears N. 60° E. and S. 60° W.
80.00	Set a sandstone, 16x10x7 ins., 11 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, mkd. with 5 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, gravelly loam and white clay; 2nd and 3rd rate. Timber, pine and cedar. Undergrowth, sage brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs. May 16, 1905: At this cor. I set off 10° 05' N., on the decl. arc; and at 11 h 56 m a.m., l.m.t., I observe the sun on the meridian, the resulting lat. is 39° 59' N., which is the proper lat. nearly.
	S. 89° 55' E., on a random line bet. secs. 3 and 10.
40.00	Set temp. $\frac{1}{4}$ sec. cor.

## Corrective Notes of

Orientation of T. &amp; S. P. &amp; W. - Continued

Chs.	
80.04	Intersect N. and S. line, 10 lks. S. of the cor. of secs. 2, 3, 10, and 11. Thence I run N. 89° 59' W., on a true line bet. secs. 3 and 10. Over mountainous land; through heavy timber. Desc.
15.00	Bottom of hollow, 400 ft. below sec. cor., course N. 10° W. Leave timber, bears N. and S. Asc.
29.00	Top of ridge, 600 ft. above hollow; bears N. 10° W. and S. 10° E. Enter heavy timber, bears with ridge. Desc.
40.02	Set a sandstone, 14x9x6 ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; from which A pinon pine, 6 ins. dia., bears N. 52° 10° W., 39 lks. dist.. mkd. $\frac{1}{4}$ S 3 B T. A pinon pine, 6 ins. dia., bears S. 26° W., 28 lks. dist.. mkd. $\frac{1}{4}$ S 10 B T.
64.00	Foot of descent, 1000 ft. below ridge, bears NE and SW. Enter bottom of Indian Canon. Enter dense undergrowth and leave timber, bears NE and SW.
74.00	Creek, 4 lks. wide, 3 ins. deep, course NE.
75.50	Coiton-Vernal road, bears N. 30° E. and S. 30° W.
80.04	The cor. of secs. 3, 4, 9, and 10. Land, mountainous and level. Soil, gravelly and loam; 2nd and 3rd rate. Timber, pine and cedar. Undergrowth, sage brush and willows. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth. 80.04 chs.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

- Chs. N. 0° 2' W., on a random line bet. secs. 3 and 4.
- 40.00 Set temp.  $\pm$  sec.cor.
- 80.25 Intersect N.bdy.of Tp., 5 lks.W. of the cor.of secs. 3 4, 33, and 34, which is a sandstone, 5x10x8 ins., above ground, firm firmly set, and marked and witnessed as described by Deputies Stewart and Stewart.
- Thence I run
- South, on a true line bet. secs. 3 and 4.
- Over mountainous land; through scattering timber.
- Desc.
- 8.00 Bottom of hollow, 150 ft. below sec.cor., course N. 60° E.. Enter heavy timber, bears with hollow.
- Asc.
- 21.00 Top of ridge, 200 ft. above hollow, bears N. 60° E. and S. 60° W.
- Desc.
- 23.00 Leave heavy and enter scattering timber, bears E. and W.
- 40.25 Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for sec.cor., mkd.  $\pm$  on W.faces; from which
- A pinon pine, 10 in. dia., bears S. 33° E., 113 lks.dist., mkd.  $\pm$  S 3 B T.
- A pinon pine, 24 ins. dia., bears S. 70° W., 90 lks.dist., mkd.  $\pm$  S 4 B T.
- 53.00 Spring branch, 1 lk.wide, 1 in.deep, course E.
- 57.00 Bottom of canon, 800 ft. below ridge, course E.
- Asc.
- 62.75 Top of spur, 200 ft. above hollow, bears N. 80° E. and S. 80° W.
- Des.
- 73.50 Enter ledges, bears N. 60° E. and S. 60° W.
- 78.50 Leave ledges, bears N. 50° E. and S. 50° W.
- Foot of descent, 300 ft. below spur.
- Enter bottom of Indian Canon.
- Leave timber and enter dense undergrowth.

## Corrective Notes of

Subdivided f t s . n 7 w . m t i n d

Chs.

80.25 The cor.of secs.3,4,9, and 10.

Land,mountainous

Soil,gravelly and rocky;3rd and 4th rate.

Timber,pine and cedar.

Undergrowth:sage brush.

Good grass for grazing.

Mountainous or heavily timbered land or land covered with dense undergrowth,80.25 chs.

May 16,1905.

May 17,1905:At 7 h 3 m a.m.,l.m.t.;I set off  $39^{\circ} 55' N.$ ,  
on the lat.arc; $19^{\circ} 17' N.$ ,on the decl.arc;and determine  
a meridian,with the solar,at the cor.of secs.4,5,32, and  
33, on S.bdy.of Tp.,heretofore described.

Thence I run

N. $0^{\circ} 3' W.$ ,betsecs.32 and 33.

Over mountainous land;through scattering undergrowth.

Desc.

10.00 Enter heavy timber,bears NW and SE.

14.00 Bottom of hollow,150 ft.below cor.,course N. $50^{\circ} W.$ .Leave heavy and enter scattering timber,bears N. $50^{\circ} W.$  and  
S. $50^{\circ} E.$ 

Asc.

31.00 Top of spur,100 ft.above hollow,bears n. $50^{\circ} W.$  and S. $50^{\circ} E.$ 

Desc.

40.00 Set a limestone,18x15x3 ins.,12 ins.in the ground,for  
sec.cor..mkd. $\frac{1}{4}$  on W.face;from whichA red pine,8 ins.dia.,bears S. $69^{\circ} 10' E.$ ,25  
lks.dist...mkd. $\frac{1}{4}$  S 33 B T.A red pine,4 ins.dia.,bears S. $70^{\circ} 10' W.$ ,19  
lks.dist..mkd. $\frac{1}{4}$  S 32 B T.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	
54.50	Foot of descent, 250 ft. below spur, bears NE and SW. Enter bottom of left hand fork of Indian Canon. Leave timber and enter dense undergrowth, bears NE and SW.
54.75	Creek, 5 lks. wide, 4 ins. deep, course NE
55.75	Road from Colton to elaterite mine, bears NE and SW.
64.00	Leave canon bottom, bears NE and SW. Leave undergrowth, bears same. Asc.
67.00	Enter scattering timber, bears NE and SW.
80.00	Top of ridge, 600 ft. above canon, bears N. 80° E. and S. 80° W. Set a quartzite stone, 18x8x4 ins., 12 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, mkd. with 1 notch on S. and 4 notches on E. edges; from which <ul style="list-style-type: none"> <li>A pinon pine, 12 ins. dia., bears N. 73° 30' E., 208 lks. dist.. mkd. T 6 S R 7 W S 26 B T.</li> <li>A red pine, 14 ins. dia., bears S. 18° 25' E., 62 lks. dist.. mkd. T 6 S R 7 W S 33 B T.</li> <li>A red pine, 10 ins. dia., bears S. 67° 15' W., 188 lks. dist.. mkd. T 6 S R 7 W S 32 B T.</li> <li>A red pine, 8 ins. dia., bears N. 88° W., 275 lks. dist.. mkd. T 6 S R 7 W S 29 B T.</li> </ul> Land, mountainous and level. Soil, gravelly; 3rd rate. Timber, aspen and pine. Undergrowth, mahogany and service berry. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
40.00	N. 89° 59' E., on a random line bet. secs. 28 and 33. Set temp. <del>at</del> sec. cor.
80.22	Intersect N. and S. line, 10 lks. N. of the cor. of secs.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs. 27, 28, 33, and 34.

Thence I run

N. 89° 57' W., on a true line bet. secs. 28 and 33.

Over mountainous land; through dense undergrowth and scattering timber.

Asc.

1.60 Top of spur, 75 ft. above sec. cor., bears N. 10° W. and S. 10° E.

Desc.

33.25 Bottom of hollow, 500 ft. below ridge, course N. 25° W.

Asc.

40.11 Set a shalestone, 18x8x4 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from whichA red pine, 14 ins. dia., bears N. 2° 45' E., 43 lks. dist.. mkd.  $\frac{1}{4}$  S 28 B T.A long leaf pine, 7 ins. dia., bears S. 22° 10' W., 116 lks. dist.. mkd.  $\frac{1}{4}$  S 33 B T.

41.70 Top of spur, 250 ft. above hollow, bears N. and S.

Desc.

57.00 Foot of descent, 180 ft. below spur, bears N. 35° E. and S. 35° W.

Enter bottom of left hand fork of Indian Canon.

Leave timber and enter dense undergrowth, bears. With canon.

59.00 Creek, 5 lks. wide, 2 ins. deep, course N. 30° E.

60.25 Road from Colton to elaterite mine, bears N. 35° E. and S. 35° W.

66.00 Leave canon bears N. 20° E. and S. 40° W.

Leave undergrowth and enter scattering timber.

Asc.

80.22 The cor. of secs. 28, 29, 32, and 33.

Land, mountainous and level.

Soil, gravelly; 3rd rate.

Timber, pinon pine and cedar.

Undergrowth, service berry, deer, buck and sage brush.

Good grass for grazing.

## Corrective Notes of

## Subdivision of T16 S., R. 7 W.-Continued

Chs. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.22 chs.

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N. 0° 3' W., bet. secs. 28 and 29.

Over mountainous land; through dense undergrowth.

Desc.

13.60 Bottom of hollow, 350 ft. below sec. cor., course N. 80° E.

Asc.

14.00 Enter scattering timber, bears E. and W.

26.00 Ledge, 16 ft. high, bears E. and W.

40.00 Set a shalestone, 18x8x4 ins., 11 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which

A pinon pine, 10. ins. dia., bears S. 30° 45' E., 33  
lks. dist.. mkd.  $\frac{1}{4}$  S 28 B T.

A pinon pine, 8. ins dia., bears S. 39° 30' W., 13  
lks. dist.. mkd.  $\frac{1}{4}$  S 29 B T.

44.50 Top of ridge, 400 ft. above hollow, bears N. 75° W. and S. 75°  
E.

Desc.

58.00 Bottom of hollow, 350 ft. below spur, course S. 60° E.

Asc.

79.00 Top of spur, 600 ft. above hollow, bears N. 80° W. and S. 80° E.

Desc.

80.00 Set a sandstone, 24x8x4 ins., 18 ins. in the ground, for  
cor. of secs. 20, 21, 28, and 29, mkd. with 2 notches on S. and  
4 notches on E. edges; from which

A red pine, 14 ins. dia., bears N. 36° 30' E., 95  
lks. dist.. mkd.  $\frac{1}{4}$  S R 7 W S 21 B T.

A red pine, 16 ins. dia., bears S. 68° E., 58  
lks. dist.. mkd. T 6 S R 7 W S 28 B T.

A red pine, 24 ins. dia., bears S. 36° W., 51 lks.  
dist.. mkd. T 6 S R 7 W S 29 B T.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs. A red pine, 22 ins. dia., bears N. 25° W., 186  
lks. dist. mkd. T 6 S R 7 W S 20 B T.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine and cedar.

Undergrowth, sage and deer brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth,  
80.00 chs.

May 17, 1905: At this cor. I set off 19° 19' N., on the decl.  
arc; and at 11 h 56 m a.m., l.m.t., I observe the sun off the  
meridian, the resulting lat. is 39° 57' N., which is the  
proper lat. nearly.

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S. 89° 57' E., on a random line bet. secs. 21 and 28.

40.00 Set temp. &amp; sec. cor.

80.26 Intersect N. and S. line, 5 lks. S. of the cor. of secs.  
21, 22, 27, and 28.

Thence I run

N. 89° 59' W., on a true line bet. secs. 21 and 28.

Over level canon bottom; through dense undergrowth.

.75 Leave canon bottom, bears NW and SE. Asc.

3.00 Enter scattering timber, bears NW and SE.

23.00 Top of ridge, 500 ft. above cor., bears N. 30° W. and S. 30° E.  
Desc. through heavy timber.40.13 Set a limestone, 18x12x8 ins., 12. ins. in the ground, for  
& sec. cor., mkd. & on N. face; from whichA pinon pine, 20 ins. dia., bears N. 30° E., 55  
lks. dist. mkd. & S 21 B T.A pinon pine, 10 ins. dia., bears S. 34° W., 26  
lks. dist. mkd. & S 28 B T.55.00 Bottom of hollow, 200 ft. below ridge, course S. 30° E.  
Asc.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued

Chs.

80.26 The cor. of secs. 20, 21, 28, and 29.  
Land, mountainous and level.  
Soil, gravelly; 3rd rate.  
Timber, pine and cedar.  
Undergrowth, sage brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.26 chs.

N. 0° 3' W., bet. secs. 20 and 21.

Over mountainous land; through scattering timber;  
Ascend along side of ridge.

6.00 Top of divide ridge bet. left hand fork of Indian Canon and Indian Canon, 100 ft. above sec. cor., bears NE and SW.  
Desc.

6.50 Enter heavy timber, bears NE and SW.

18.50 Leave timber, bears N. 30° E. and S. 30° W.

35.00 Enter heavy timber, bears N. 30° W. and S. 30° E.

40.00 Set a limestone, 16x12x4 ins., 11 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which

An aspen, 4 ins. dia., bears S. 10° E., 7 lks.  
dist.. mkd.  $\frac{1}{4}$  S 21 B T.

An aspen, 4 ins. dia., bears S. 60° W., 10  
lks. dist.. mkd.  $\frac{1}{4}$  S 20 B T.

47.00 Bottom of hollow, 800. ft. below ridge, course N. 35° E.,  
Leave heavy and enter scattering timber, bears same.  
Asc.

80.00 Point 500 ft. above hollow.

Set a sandstone, 16x9x4 ins., 11 ins. in the ground, for  
cor. of secs. 16, 17, 20, and 21, mkd. with 3 notches on S. and  
4 notches on E. edges; from which

## Corrective Notes of

Condition of T. C. P. W. L. S. Surveyed

- Chs.                   A pinon pine, 10 ins. dia., bears N. 78° 30' E.,  
                       204 lks. dist.. mkd. T 6 S R 7 W S 16 B T  
                       A pinon pine, 24 ins. dia., bears S. 83° 10' E.,  
                       185 lks. dist.. mkd. T 6 S R 7 W S 21 B T.  
                       A pinon pine, 10 ins. dia., bears S. 10° W., 197  
                       lks. dist.. mkd. T 6 S R 7 W S 20 B T.  
                       No other trees within limits; raise a mound of stone,  
                       2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
                       Land, mountainous.  
                       Soil, gravelly; 3rd rate.  
                       Timber, pine and cedar and aspen.  
                       Undergrowth, sage and deer brush.  
                       Good grass for grazing.  
                       Mountainous or heavily timbered land, 80.00 chs.

S. 89° 59' E., on a random line bet. secs. 16 and 21.

- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
 80.06 Intersect N. and S. line, 23 lks. S. of the cor. of secs.  
       15, 16, 21, and 22.  
       Thence I run  
       S. 89° 51' W., on a true line bet. secs. 16 and 21.  
       Over mountainous land; through scattering timber.  
       Desc.  
 16.00 Bottom of hollow, 400 ft. below sec. cor., course N. 20° W.  
       Asc. c.  
 26.25 Top of ridge, 200 ft. above hollow, bears N. 20° W. and S. 20°  
       E.  
       Desc.  
 38.00 Bottom of hollow, 2450 ft. below spur, course N. 20° W.  
       Asc.  
 40.03 Set a sandstone, 15x12x4 ins., 10 ins. in the ground, for  
        $\frac{1}{2}$  sec. cor., mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone,

## Corrective Notes of

Subdivision of T.6 S., R.7 W. Continued.

Chs.	$\frac{1}{2}$ ft. base, $\frac{1}{2}$ ft. high, N. of cor.
49.25	Top of ridge, 400 ft. above hollow, bears N.20°W. and S.20°E.
	Desc.
66.00	Bottom of hollow, 500 ft below ridge, course N.15°E.
	Asc.
67.00	Enter heavy timber, bears N. and S.
79.50	Leave timber, bears N. and S.
80.06	The cor. of secs. 16, 17, 20, and 21. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine. Good grass for grazing.
	Mountainous or heavily timbered land, 80.06 chs.

May 17, 1905.

May 18, 1905: At 7 h 3 m a.m., l.m.t., I set off  $39^{\circ}58'N.$ , on the lat.arc;  $19^{\circ}30'N.$ , on the decl.arc; and determine a meridian, with the solar, at the cor. of secs. 16, 17, 20, and 21.

Thence I run

N.  $0^{\circ}3'W.$ , bet. secs. 16 and 17.

Over mountainous land; through scattering timber.

Asc.

17.50 Top of ridge, 300 ft. above sec.cor., bears NE and SW.  
Desc.

40.00 Set a shalestone,  $18 \times 12 \times 7$  ins., 12 ins. in the ground, for  
sec.cor.. mkd.  $\frac{1}{4}$  on W. face; from which

A pinon pine, 4 ins. dia., bears N.  $42^{\circ}E.$ , 27 lks.  
dist.. mkd.  $\frac{1}{4}$  S 16 B T.

A red pine, 10 ins. dia., bears N.  $76^{\circ}15'W.$ , 77  
lks. dist.. mkd.  $\frac{1}{4}$  S 17 B T.

## Corrective Notes of

Subdivision of T 6 S R 7 W Continued

- Chs.
- 69.00 Leave timber, bears NE and SW.
- 76.25 Foot of descent, 800 ft. below ridge, bears NE and SW.  
Enter bottom of Indian Canon.
- Enter dense undergrowth, bears NE and SW.
- 77.80 Creek, 3 lks. wide, 2 ins. deep, course NE.
- 79.75 Colton-Vernal road, bears NE and SW.
- 80.00 Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, mkd. with 4 notches on S., and E. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- Land, mountainous and level.
- Soil, gravelly loam; and rocky; 2nd and 4th rate.
- Timber, pine.
- Undergrowth, sage brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth,
- 80.00 chs.

N.  $89^{\circ} 51' E.$ , on a random line bet. secs. 9 and 16.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.30 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 9, 10, 15, and 16.
- Thence I run
- S.  $89^{\circ} 50' W.$ , on a true line bet. secs. 9 and 16.
- Over mountainous land; through heavy timber.
- Desc.
- 14.25 Bottom of hollow, 400 ft. below sec. cor., course N.  $15^{\circ} E.$
- Asc.
- 34.50 Top of ridge, 700 ft. above hollow, bears N.  $30^{\circ} E.$  and S.  $30^{\circ} W.$ .
- 40.15 Set a sandstone, 16x10x8 ins., 11 ins. in the ground, for

## Corrective Notes of

## Subdivision of T 6 S .R 7 W -Continued

- Chs.  $\frac{1}{4}$  sec.cor..mkd. $\frac{1}{4}$  on N.face; from which  
 A pinon pine, 10 ins.dia., bears N.5°W., 18 lks.  
 dist..mkd. $\frac{1}{4}$  S 9 B T.
- A pinon pine, 7 ins.dia., bears S.40°W., 45 lks.  
 dist..mkd. $\frac{1}{4}$  S 16 B T.
- 49.00 Bottom of hollow, 700 ft. below ridge, course N.  
 Asc.
- 55.00 Top of ridge, 450 ft. above hollow, bears N.10°E. and S.10°W.  
 Desc.
- 76.50 Foot of descent, 750 ft. below ridge, bears NE and SW.  
 Enter bottom of Indian Canon.  
 Leave timber and enter dense undergrowth, bears NE and SW.
- 76.75 Creek, 3 lks.wide, 2 ins.deep, course NE.
- 79.75 Colton-Vernal road, bears NE and SW.
- 80.30 The cor.of secs.8,9,16 and 17.  
 Land, mountainous and level.  
 Soil, gravelly and rocky; 3rd and 4th rate.  
 Timber, pinon pine , rod pine, and cedar.  
 Undergrowth, sage brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered  
 with dense undergrowth, 80.30 chs.
- 
- N.0°3'W., bet.secs.8 and 9.  
 Over level canon bottom; through dense undergrowth.
- 10.00 Leave canon bottom, bears NE and SW.  
 Leave undergrowth and enter scattering timber, bears  
 NE and SW.  
 Asc.
- 40.00 Set a sandstone, 18x14x5 ins., 12 ins.in the ground, for  
 $\frac{1}{4}$  sec.cor..mkd.  $\frac{1}{4}$  on W.face; from which  
 A pinon pine, 29 ins.dia., bears N.57°40'E., 32

## Corrective Notes of

Subdivision of T 6 S . R 7 W -Continued

Chs.	lks.dist..mkd. $\frac{1}{4}$ S 9 B T.
	A pinon pine, 8 ins.dia., bears S.61°20'W., 61 lks.dist..mkd. $\frac{1}{4}$ S 8 B T.
72.50	Top of divide ridge bet. Indian Canon and Lake Canon, 1770 ft. above canon bottom, bears N.50°E. and S.50°W.
	Desc.
78.00	Enter heavy timber, bears E. and W.
80.00	Set a shalestone, 18x12x3 ins., 12 ins. in the ground, for cor.of secs.4,5,8, and 9, mkd. with 5 notches on S. and 4 notches on E.edges; from which
	A red pine, 8 ins.dia., bears N.32°45'E., 24 lks.dist..mkd.T 6 S R 7 W S 4 B T.
	A red pine, 7 ins.dia., bears S.51°35'E., 30 lks.dist..mkd.T 6 S R 7 W S 9 B T.
	A red pine, 12 ins.dia., bears S.47°15'W., 31 lks.dist..mkd.T 6 S R 7 W S 8 B T.
	A red pine, 14 ins.dia., bears N.48°25'W., 23 lks.dist..mkd.T 6 S R 7 W S 5 B T.
	Land, mountainous and level.
	Soil, gravelly and rocky; 2nd and 4th rate.
	Timber, pine and cedar.
	Undergrowth, sage brush.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	May 18, 1905: At the noon hour the sky is overcast and solar observations are impossible.
	N.89°50'E., on a random line bet.secs.4 and 9.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
80.20	Intersect N.and S.line, 12 lks.N. of the cor.of secs. 3,4,9, and 10.
	Thence I run

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued.

- Chs. S. 89° 55' W., on a true line bet. secs. 4 and 9.  
 Over level canon bottom; through dense undergrowth.  
 3.50 Leave canon bottom, bears N. 60° E. and S. 60° W.  
 Leave undergrowth and enter scattering timber, bears N. 60° E. and S. 60° W.  
 Ascend abruptly over ledges.  
 23.50 Leave ledges, bears N. 20° E. and S. 20° W.  
 Enter heavy timber, bears N. 20° E. and S. 20° W.  
 40.10 Set a sandstone, 14x10x5 ins., 9 ins. in the ground, for  $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$  on N. face; from which  
     A red pine, 5 ins. dia., bears N 50° E., 40 lks.  
     dist. mkd.  $\frac{1}{4}$  S 4 B T.  
     A red pine, 7 ins. dia., bears S. 37° W., 20 lks.  
     dist. mkd.  $\frac{1}{4}$  S 9 B T.  
 64.00 Top of divide ridge bet. Lake and Indian Canons, 1800 ft.  
 above canon, bears N. 40° E. and S. 40° W.  
 Desc.  
 80.20 The cor. of secs. 4, 5, 8, and 9.  
 Land, mountainous and level.  
 Soil, gravelly loam and rocky; 3rd and 4th rate.  
 Timber, pine and cedar.  
 Undergrowth, sage brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.20 chs.

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N. 0° 3' W., on a random line bet. secs. 4 and 5.

- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.27 Intersect N. bdy. of Tp., 17 lks. East of the cor. of secs. 4, 5, 32, and 33, which is shalestone, 6x18x3 ins., above ground, firmly set, and mkd. and witnessed as described by the Deputies Stewart and Stewart.  
 Thence I run

## Corrective Notes of

Whidbey Island of T R S P P W Continued

- Chs. S.0°10'E., on a true line bet. secs. 4 and 5.  
 Over mountainous land; through scattering timber.  
 Descend along west side of spur.
- 40.27 Set a sandstone, 16x12x3 ins., 11 ins. in the ground, for  
 $\frac{1}{4}$  sec.cor.. mkd.  $\pm$  on W. face; from which  
 A red pine, 4 ins. dia., bears S.86°30'E., 72  
 lks. dist.. mkd.  $\pm$  S 4 B T.  
 A red pine, 24 ins. dia., bears N.69°W., 29  
 lks. dist.. mkd.  $\pm$  S 5 B T.
- 43.75 Bottom of hollow, 300 ft. below ridge, course NW.  
 Enter heavy timber, bears with hollow.  
 Asc.
- 53.25 Top of spur, 280 ft. above hollow, bears NE and SW.  
 Leave heavy and enter scattering timber, bears NE and SW.  
 Desc.
- 63.50 Bottom of hollow, 100 ft. below ridge, course NW.  
 Asc.
- 80.27 The cor. of secs. 4, 5, 8, and 9. (500 ft. above hollow.)  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pine.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 80.27 chs.

May 18, 1905.

May 19, 1905: At 7 h 3 m a.m., l.m.t., I set off 39°55'N.,  
 on the lat.arc; 19°43'N., on the decl.arc; and determine  
 a meridian, with the solar, at the cor. of secs. 5, 6, 31, and  
 32. on S.bdy.of Tp., heretofore described.  
 Thence I run  
 N.0°3'W., bet. secs. 31 and 32.  
 Over mountainous land; through dense undergrowth and

## Corrective Notes of

## Subdivision of T.6 S., R.7 W.-Continued.

Chs.	scattering timber.
	Asc.
40.00	Set a shalestone, 24x12x4 ins., 18 ins. in the ground, for $\frac{1}{4}$ sec.cor.. mkd. $\frac{1}{4}$ on W.face; from which A red pine, 18 ins. dia., bears S.84° E., 54 lks. dist.. mkd. $\frac{1}{4}$ S 32 B T. A pinon pine, 12 ins. dia., bears S.44° W., 36 lks. dist.. mkd. $\frac{1}{4}$ S 3 1 B T.
52.75	Top of ridge, 1000 ft. above sec.cor., bears N.80° E. and S.80° W.
	Desc.
59.00	Enter heavy timber, bears E. and W.
80.00	Set a sandstone, 20x6x5 ins., 15 ins. in the ground, for cor.of secs. 29, 30, 31, and 32, mkd. with 1 notch on S. and 5 notches on E.edges; from which A pinon pine, 6 ins. dia., bears N.59° E., 64 lks. dist.. mkd.T 6 S R 7 W S 29 B T. A red pine, 4 ins. dia., bears S.17° E., 85 lks. dist.. mkd.T 6 S R 7 W S 32 B T. A red pine, 7 ins. dia., bears S.37° W., 102 lks. dist.. mkd.T 6 S R 7 W S 31 B T. A red pine, 7 ins. dia., bears N.10° W., 84 lks. dist.. mkd.T 6 S R 7 W S 30 B T.
	Land, mountainous.
	Soil, gravelly and white clay; 3rd rate.
	Undergrowth, deer, service berry, and buck brush.
	Timber, pine.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	N.89° 59' E., on a random line bet.secs. 29 and 32.
40.00	Set temp. $\frac{1}{4}$ sec.cor.

## Corrective Notes of

Subdivision of m.s.s. R-7 " -Continued

- Chs. 80.04 Intersect N.and S.line,12 lks.S.of the cor.of secs.28,29,32, and 33.
- Thence I run S.89° 54' W.,on a true line bet.secs.29 and 32.  
Over mountainous land;through scattering timber and scattering undergrowth.
- Desc. along side of ridge.
- 5.00 Enter heavy timber,bears NE and SW.
- 16.00 Leave heavy and enter scattering timber,bears NE and SW.
- 39.50 Hollow,250 ft.below sec.cor.,course N.20° E.
- 40.02 Set a sandstone,20x11x3,ins.,15 ins.in the ground,for  $\frac{1}{4}$  sec.cor..mkd. $\frac{1}{4}$  on N.face;from which  
A red pine,24 ins.dia.,bears N.52° 40' E.,53 lks.dist.,mkd. $\frac{1}{4}$  S 29 B T.  
A red pine,8 ins.diam.,bears S.12° E.,197 lks.dist..mkd. $\frac{1}{4}$  S 32 B T.
- 58.75 Top of spur,260 ft.above hollow,bears N.20° E .and S.20° W.
- Desc.
- 80.04 The cor.of secs.29,30,31, and 32.  
Land,mountainous.  
Soil,gravelly ;3rd rate.  
Timber,pinon pine and red pine.  
Undergrowth,service berry and mahogany.  
Good grass for grazing.  
Mountainous or heavily timbered land,80.04 chs.
- S.89° 59' W.,on a random line bet.secs.30 and 31.
- 40.00 Set temp. $\frac{1}{4}$  sec.cor.
- 77.42 Intersect W.bdy.of Tp.,12 lks.S.of the cor.of secs. 25,30,31, and 36,heretofore described.
- Thence I run

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W. - Cont'd

Chs.	S.89° 56'E., on a true .. line bet.secs.30 and 31.
4.	Over mountainous land; through dense undergrowth.
	Asc.
11.40	Top of ridge, 400 ft. above sec.cor., bears N.and S.
	Desc.
22.50	Bottom of hollow, 300 ft. below ridge, course N.
	Asc.
37.42	Set a limestone, 16x10x6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec.cor.. mkd. $\frac{1}{4}$ on N.face; from which A red pine, 16 ins.dia., bears N.61° 35'W., 20 lks.dist.. mkd. $\frac{1}{4}$ S 30 B.T. A pinon pine, 10 ins.dia., bears S.8° 05'E., 20 lks.dist.. mkd. $\frac{1}{4}$ S 31 B.T.
47.75	Top of divide ridge bet. Indian Canon and the left hand fork of Indian Canon, 600 ft. above hollow, bears N.40° E. and S.40° W. Leave undergrowth and enter heavy timber, bears with ridge.
	Desc.
70.70	Bottom of hollow, 700 ft. below ridge, course N.30° E.
	Asc.
77.42	The cor.of secs.29,30,31, and 32. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine, aspen, and cedar. Undergrowth, aspen saplings, service berry and deer brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 77.42 chs. May 19, 1905: At the noon hour the sky is overcast and solar observations are impossible.
	N.0° 3'W., bet.secs.29 and 30.

## Corrective Notes of

Subdivision of T.6 S., R.7 W.-Continued.

- Chs. Over mountainous land; through scattering timber.
- Desc.
- 8.70 Bottom of hollow, 100 ft. below sec.cor., course N.80° E.  
There is a good spring of water N.80° E., about 21.00 chs.  
dist.
- Asc.
- 40.00 Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{4}$  on W. face; from which  
A red pine, 8 ins. dia., bears S.84° 30' E., 62  
lks. dist.. mkd.  $\frac{1}{4}$  S 29 B T.  
A red pine, 10 ins. dia., bears S.20° 40' W., 57  
lks. dist.. mkd.  $\frac{1}{4}$  S 30 B T.
- 41.60 Top of ridge, 800 ft. above hollow, bears NE and SW.  
This is divide bet. left hand fork of Indian Canon and  
Indian Canon.
- Desc.
- 49.75 Leave timber; bears NE and SW.
- 71.00 Top of ridge, 400 ft. below divide ridge, bears N.20° W. and  
S.20° E.
- Desc.  
Enter aspen saplings, bears N.20° W. and S.20° E.
- 80.00 Set a quartzite stone, 16x8x4 ins., 11 ins. in the ground, fo  
for cor.of secs. 19, 20, 29, and 30, mkd. with 2 notches on  
S. and 5 notches on E.edges; from which  
An aspen, 4 ins. dia., bears N.71° 10' E., 96  
lks. dist.. mkd. T 6 S R 7 W S 20 B T.  
A red pine, 10 ins. dia., bears S.49° 05' E., 177  
lks. dist.. mkd. T 6 S R 7 W S 29 B T.  
A red pine, 12 ins. dia., bears S.81° 50' W., 49  
lks. dist.. mkd. T 6 S R 7 W S 30 B T.  
An aspen, 3 ins. dia., bears N.17° 30' W., 168  
lks. dist.. mkd. T 6 S R 7 W S 19 B T.
- Land, mountainous.
- Soil, gravelly; 3rd rate.
- Timber, pine and aspen.
- Undergrowth, aspen saplings.

## Corrective Notes of

## Subdivision of T.6 S., R.7 W.-Continued.

Chs.	Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.
40.00	N.89° 54' E., on a random line bet. secs. 20 and 29. Set temp. $\frac{1}{4}$ sec. cor.
80.28	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28, and 29. Thence I run S.89° 56' W., on a true line bet. secs. 20 and 29. Over mountainous land; through scattering timber. Asc.
5.60	Top of divide ridge bet. Indian Canon and left hand fork of Indian Canon, 100 ft. above sec. cor., bears NE and SW. Desc.
21.00	Bottom of hollow, 300 ft. below ridge, course N.20° E. Asc.
27.35	Top of spur, 250 ft. above hollow, bears N.5° E. and S.5° W. Desc.
38.00	Bottom of hollow, 300 ft. below ridge course N.10° E. Asc.
40.14	Set a sandstone, 16x8x5 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
49.00	Top of ridge, 300 ft. above hollow, bears N.10° W. and S.10° E. Desc.
78.25	Bottom of hollow, 450 ft. below ridge, course N.20° W. Asc.
80.28	The cor. of secs. 19, 20, 29 and 30. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing.

## Corrective Notes of

Subdivision of T.6 S., R.7 W.-Continued.

Chs.	Mountainous land, 80.28 chs.
	N. 89° 56' W., on random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.54	Intersect W. bdy. of Tp., at the cor. of secs. 19, 24, 25, and 30. heretofore described.
	Thence I run
	S. 89° 56' E., on a true line bet. secs. 19 and 30.
	Over mountainous land; through heavy timber.
	Desc.
10.00	Colton-Vernal road, bears N. 30° E. and S. 30° W.
12.50	Creek, 3 lks. wide, 3 ins. deep, in bottom of Indian Canon, course N. 30° E.
	Asc.
25.00	Top of ridge, 100 ft. above canon, bears N. and S.
	Desc.
30.25	Bottom of hollow, 100 ft. below ridge course N.
	Asc.
37.54	Set a sandstone, 16x8x4 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; from which
	A red pine, 6 ins diam., bears N. 66° E., 291 lks. dist.. mkd. $\frac{1}{4}$ S 19 B T.
	A red pine, 8 ins. dia., bears S. 64° 30' E. 333 lks. dist.. mkd. $\frac{1}{4}$ S 30 B. T.
39.75	Top of ridge, 150 ft. above hollow, bears N. and S.
	Desc.
45.50	Bottom of hollow, 150 ft. below ridge, course N.
	Asc.
58.60	Top of ridge, 240 ft. above hollow, bears N. 15° E. and S. 15° W.
	Desc.
70.20	Bottom of hollow, 450 ft. below ridge, course N.
	Asc.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W. - Continu

Chs.	
73.75	Top of spur, 150 ft. above hollow, bears N. 20° W. and S. 20° E. Desc.
77.54	The cor. of secs. 19, 20, 29, and 30. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and cedar. Good grass for grazing. Mountainous or heavily timbered land, 77.54 chs.

May 19, 1905.

May 20, 1905: At 7 h 3 m a.m., l.m.t., I set off 39° 57' N., on the lat.arc; 19° 56' N., on the decl.arc; and determine a meridian with the solar, at the cor. of secs. 19, 20, 29, and 30.

Thence I run

N. 0° 3' W., bet. secs. 19 and 20.

Over mountainous land; through scattering timber.

Desc.

3.50 Bottom of hollow, 15 ft. below sec.cor., course N. 20° W.  
Asc.

40.00 Set a quartzite stone, 24x6x4 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec.cor., mkd.,  $\frac{1}{2}$  on W. face; from which

A pinon pine, 24 ins. dia., bears S. 33° 35' E., 98 lks. dist.. mkd.  $\frac{1}{2}$  S 20 B T.

A pinon pine, 18 ins. dia., bears S. 27° 35' W., 43 lks. dist.. mkd.  $\frac{1}{2}$  S 19 B T.

69.50 Top of ridge, 400 ft. above hollow, bears NW and SE.  
Desc.

80.00 Set a sandstone, 15x10x4 ins., 10 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, mkd. with 3 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	Land, mountainous ; . Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous land, 80.00 chs.
	N. 89° 56' E., on a random line bet. secs. 17 and 20.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.30	Intersect N. and S. line, at the cor. of secs. 16, 17, 20, and 21.  Thence I run  S. 89° 56' W., on a true line bet. secs. 17 and 20. Over mountainous land.  Asc.
8.50	Top of ridge, 300 ft. above sec. cor., bears N. 15° E. and S. 15° W.  Desc.
10.50	Enter scattering timber, bears N. and S.
28.50	Bottom of hollow, 450 ft. below ridge, course N. 10° E.  Asc.
40.15	Set a sandstone, 18x9x5 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
41.50	Top of spur, 400 ft. above hollow, bears N. and S.  Desc.
80.30	The cor. of secs. 17, 18, 19, and 20. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine. Good grass for grazing. Mountainous land, 80.30 chs.

## Corrective Notes of

## Subdivision of T.6 S., R.7 W.-Continued.

chs.

N.89° 56'W., on a random line bet. secs. 18 and 19.

40.00 Set temp.  $\frac{1}{2}$  sec.cor.

77.65 Intersect W.bdy.of Tp., 24 lks.N.of the cor.of secs. 13, 18, 19, and 24, heretofore described.

Thence I run

N.89° 54'E., on a true line bet. secs. 18 and 19.

Over mountainous land; through scattering timber and scattering undergrowth,

Asc.

27.20 Top of ridge, 200 ft. above sec.cor., bears N.60°E. and S.60°W.

Desc.

37.35 Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for  $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; from whichA red pine, 10 ins. dia., bears N.44°E., 55 lks.dist.. mkd.  $\frac{1}{2}$  S 18 B T.A red pine, 10 ins. dia., bears S.74°W., 14 lks.dist.. mkd.  $\frac{1}{2}$  S 19 B T.

67.25 Foot of descent, 1000 ft. below ridge, bears N.30°E. and S.30°W.

Enter bottom of Indian Canon.

Leave timber and enter dense undergrowth, bears N.30°E. and S.30°W.

Road

Colton-Vernal bears N.30°E. and S.30°W.

75.10 Creek, 3 lks.wide, 3 ins.deep, course N.25°E.

77.25 Leave canon, bears NE and SW.

Leave undergrowth, bears NE and SW.

Asc.

77.65 The cor.of secs. 17, 18, 19, and 20.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine.

Undergrowth, sage and deer brush.

Good grass for grazing.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs. Mountainous or heavily timbered land, or land covered with dense undergrowth, 77.65 chs.

6..

N. 0° 3' W., bet. secs. 17 and 18.

Over mountainous land; through dense undergrowth.

Desc.

.40 Foot of descent, bears N. 60° E. and S. 60° W.

Enter bottom of Indian Canon.

3.10 Creek, 3 lks. wide, 3 ins. deep, course NE.

3.75 Colton-Vernal road, bears NE and SW.

13.00 Leave canon, bears NE and SW.

Leave undergrowth, bears NE and SW.

Asc.

17.50 Top of spur, 50 ft. above canon, bears N. 60° E. and S. 60° W.

Desc.

22.60 Bottom of hollow, 50 ft. below spur, course E.

Asc.

33.50 Enter scattering timber, bears N. 60° E. and S. 60° W.

40.00 Set a limestone, 16x8x4 ins., 11 ins. in the ground, for cor. of sec. mkd. on W. face; from which

A pinon pine, 5 ins. dia., bears S. 78° E., 30 lks. dist. mkd. on S. 17 B.T.

A mahogany, 5 ins. dia., bears N. 55° W., 26 lks. dist. mkd. on S. 18 B.T.

79.25 Top of divide ridge bet. Indian and Lake Canons, 1500 ft. above hollow, bears N. 70° E. and S. 70° W.

Desc.

80.00 Set a sandstone, 18x10x4 ins., 11 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, mkd. with 4 notches on S. and 5 notches on E. edges; from which

A red pine, 8 ins. dia., bears N. 70° 30' E., 62 lks. dist. mkd. on S. 6 S R 7 W S 8 B.T.

A red pine, 6 ins. dia., bears S. 51° 15' E., 52 lks. dist. mkd. on S. 6 S R 7 W S 17 B.T.

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W.-Continued.

Chs.	A	A red pine, 8 ins. dia., bears S. 56° 50' W., 20 lks. dist.. mkd. T 6 S R 7 W S 18 B.T. A red pine, 8 ins. dia., bears N. 38° 20' W., 28 lks. dist.. mkd. T 6 S R 7 W S 7 B.T.
		Land, mountainous and level.
		Soil, gravelly; 3rd rate.
		Timber, pine.
		Undergrowth, sage brush and willows.
		Good grass for grazing.
		Mountainous land, or land covered with dense undergrowth, 80.00 chs.
		May 20, 1905: At the noon hour the sky is overcast and solar observations are impossible.
40.00		N. 89° 56' E., on a random line bet. secs. 8 and 17. Set temp. $\frac{1}{4}$ sec. cor.
80.36		Intersect N. and S. line, 24 lks. N. of the cor. of secs. 8, 9, 16, and 17. Thence I run.
14.60		N. 89° 54' W., on a true line bet. secs. 8 and 17. Over level canon bottom; through dense undergrowth. Leave canon bottom, bears NE and SW. Leave undergrowth and enter heavy timber, bears NE and SW. Asc.
40.18		Set a sandstone, 18x9x6 ins. 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on N. face; from which A red pine, 20 ins. dia., bears N. 28° 30' W., 55 lks. dist.. mkd. $\frac{1}{4}$ S 8 B.T. A pinon pine, 10 ins. dia., bears S. 6° 10' W., 39 lks. dist.. mkd. $\frac{1}{4}$ S 17 B.T.
68.50		Leave timber, bears N. and S.
79.00		Top of divide ridge bet. Indian and Lake Canons, bears N. 60° E. and S. 60° W.

## Corrective Notes of

Subdivision of T.6 S., R.7 W. Continued.

Chs.	Enter scattering timber.
	Desc.
80.36	The cor.of secs.7,8,17, and 18. Land,mountainous and level. Soil,gravelly ;3rd rate. Timber,pine and cedar. Undergrowth,sage brush. Good grass,for grazing. Mountainous or heavily timbered land,or land covered with dense undergrowth,80.36 chs.

May 20,1905.

---

May 21,1905:At 7 h 2 m a.m.,l.m.t.,I set off  $39^{\circ} 59'N.$ ,  
on the lat.arc; $20^{\circ} 09'N.$ ,on the decl.arc;and determine a  
meridian,with the solar,at the cor.of secs.7,8,17, and  
18.

Thence I run

 $S.89^{\circ} 54'W.$ ,on a random line bet.secs.7 and 18.

40.00 Set temp. at sec.cor.

77.77 Intersect W.bdy.of Tp.,at the cor.of secs.7,12,13, and  
18.heretofore described.

Thence I run

 $N.89^{\circ} 54'E.$ ,on a true line bet.secs.7 and 18.

Over mountainous land;through scattering undergrowth.

Desc.

5.50 Top of ridge,60 ft.above cor.,bears  $N.30^{\circ} E.$  and  $S.30^{\circ} E.$   
Enter heavy timber,bears  $N.30^{\circ} E.$  and  $S.30^{\circ} W.$ 

Desc.

22.50 Bottom of hollow,400 ft.below ridge,course  $N.25^{\circ} W.$   
Asc.24.50 Leave heavy and enter scattering timber,bears  $N.25^{\circ} W.$  and  
 $S.25^{\circ} E.$ 

35.50 Leave timber,bears N. and S.

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W.-Continued

Chs.	
37.77	Set a shalestone, 16x8x4 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
48.00	Enter timber, bears N. $30^{\circ}$ W. and S. $30^{\circ}$ E.
49.00	Leave timber, bears N. and S.
57.50	Top of peak, 700 ft. above hollow, bears S. $75^{\circ}$ E. and S. $75^{\circ}$ W. and N. A mound of stone, evidently having been used for holding up a triangulation signal, bears N., 30 lks. dist.. This is the highest peak within a radius of about ten miles.
	Desc.
69.25	Enter heavy timber, bears NW and SE.
71.00	Head of hollow, 250 ft. below ridge, course N. $30^{\circ}$ E.
	Asc.
76.00	Leave timber, bears N. $70^{\circ}$ E. and S. $70^{\circ}$ W.
77.77	The cor. of secs. 7, 8, 17, and 18.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pine and cedar.
	Good grass for grazing.
	Mountainous or heavily timbered land, 77.77 chs.
	N. $0^{\circ} 3' W.$ , bet. secs. 7 and 8.
	Over mountainous land; through heavy timber.
	Desc.
12.00	Bottom of hollow, 300 ft. below sec. cor., course N. $25^{\circ}$ E.
	Leave heavy and enter scattering timber, bears same.
	Asc.
32.00	Leave timber, bears NE and SW.
40.00	Set a sandstone, 16x14x5 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
46.00	Top of spur, 150 ft. above hollow, bears N. $25^{\circ}$ E. and S. $25^{\circ}$ W.

## Corrective Notes of

Subdivision of T.6 S.; R.7 W.; -Continued

- |      |   |
|------|---|
| Chs. | Enter heavy timber, bears with spur.<br><br>Desc.<br><br>68.00 Leave timber, bears E. and W.<br><br>80.00 Set a limestone, 18x8x4 ins., 12 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, mkd. with 5 notches on S., and E. edges; from which<br><br>A pinon pine, 10 ins. dia., bears N. 54° W., 111 lks. dist. mkd. T 6 S R 7 W S 6 B T.<br><br>A red pine, 6 ins. dia., bears S. 69° 30' W., 90 lks. dist. mkd. T 6 S R 7 W S 7 B T.<br><br>No other trees within limits; dig pits, 18x18x12 ins., in secs. 5 and 8, 5½ ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, W. of cor.<br><br>Land, mountainous.<br><br>Soil, gravelly; 3rd rate.<br><br>Timber, pine.<br><br>Good grass for grazing.<br><br>Mountainous land, or heavily timbered land, 80.00 chs.<br><br><hr/><br>S. 89° 54' E., on a random line bet. secs. 5 and 8.<br>40.00 Set temp. $\frac{1}{4}$ sec. cor.<br>80.40 Intersect N. and S. line, 2 lks. S. of the cor. of secs. 4, 5, 8, and 9.<br><br>Thence I run<br><br>N. 80° 55' W., on a true line bet. secs. 5 and 8.<br><br>Over mountainous land; through heavy timber.<br><br>Asc.<br>2.50 Leave timber, bears N. 50° W. and S. 50° E.<br>4.00 Top of ridge, 25 ft. above sec. cor., bears N. 40° W. and S. 40° E.<br><br>Desc..<br>8.00 Enter heavy timber, bears NE and SW. |
|------|---|

## Corrective Notes of

## Subdivision of T. 6 S., R. 7 W., -Continued.

Chs.	
15.50	Leave timber, bears NE and SW.
34.00	Enter heavy timber, bears NE and SW.
36.00	Hollow, 900 ft. below ridge, course N. 20° W. Asc.
40.20	Set a sandstone, 20x10x3. ins., 15 ins. in the ground, for sec.cor.. mkd. $\pm$ on N. face; from which
	A red pine, 10 ins. dia., bears N. 13° E., 8 lks.
	dist.. mkd. $\pm$ S 5 B T.
	A red pine, 10 ins. dia., bears S. 14° W., 9 lks.
42.00	dist.. mkd. $\pm$ S 8 B T. Ridge, 175 ft. above hollow, bears N. 20° W. qnd S. 20° E., Desc.
47.25	Leave timber, bears N. and S.
50.00	Bottom of hollow, 600 ft. below ridge, course N. 20° E. Asc.
54.00	Enter scattering timber, bears N. 20° E. and S. 20° W.
70.00	Top of ridge, 500 ft. above hollow, bears N. 10° W. and S. 10° E. Desc.
75.00	Leave timber, bears N. and S.
80.40	The cor. of secs. 5, 6, 7, and 8. Land, mountainous. Soil, gravelly loam and rocky; 2nd and 4th rate. Timber, pine and cedar. Good grass for grazing. Mountainous or heavily timbered land, 80.40 chs. May 21, 1905; At the noon hour the sky is overcast and solar observations are impossible.
	S. 89° 54' W., on a random line bet. secs. 6 and 7.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
77.90	Intersect W. bdy. of Tp., 5 lks. S. of the cor. of secs. 1, 6, 7, and 12., heretofore described. Thence I run N. 89° 56' E., on a true line bet. secs. 6 and 7. Over mountainous land; through heavy timber.

## Corrective Notes of

Subdivision of T.6 S., R.7 W. Continued.

Chs.	Desc.
7.50	Foot of descent, 500 ft. below sec.cor., bears N.20°E. and S.20°W. Enter bottom of canon. Leave timber and enter dense undergrowth.
12.00	Leave canon, bottom, bears N.20°E. and S.20°W. Leave undergrowth and enter timber, bears same. Asc.
37.90	Set a limestone, 20x6x6 ins., 15 ins. in the ground, for sec.cor.. mkd. $\frac{1}{4}$ on N. face; from which A red pine, 10 ins. dia., bears N.5°E., 20 lks. dist.. mkd. $\frac{1}{4}$ S 6 B T. A red pine, 6 ins. dia., bears S. 20°E., 18 lks. dist.. mkd. $\frac{1}{4}$ S 7 B T.
45.00	Top of ridge, 1000 ft. above canon, bears N.20°W. and S.20°E Desc.
54.50	Bottom of hollow, 400 ft. below ridge, course N. Asc.
77.90	The cor. of secs. 5, 6, 7, and 8. Land, mountainous and level. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pine, and cedar. Undergrowth, sage brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 77.90 chs.
40.00	N.0°3'W., on a random line bet. secs. 5 and 6. Set temp. $\frac{1}{4}$ sec.cor.
80.15	Intersect N.bdy. of Tp., 7 lks. W. of the cor. of secs. 5, 6, 31 and, 32, which is a sandstone, 5x10x5 ins., above ground, firmly set, and marked and witnessed as described by the

## Corrective Notes of

Subdivision of T. 6 S., R. 7 W. Continued

Chs.	Deputies Stewart and Stewart.  Thence I run  South, on a true line bet. secs. 5 and 6.  Over mountainous land; through heavy timber.  Desc.
3.00	Bottom of hollow, 20 ft. below sec. cor., course NW.  Asc.
9.00	Top of ridge, 150 ft. above hollow, bears NW and SE.  Continue descent along side of ridge.
19.50	Leave heavy and enter scattering timber, bears E. and W.
40.15	Set a limestone, 28x20x4 ins., 24 ins. in the ground, for $\frac{1}{2}$ sec. cor.. mkd. $\frac{x}{2}$ on W. face; from which  A pinon pine, 10 ins. dia., bears N. 55° E., 68 lks. dist.. mkd. $\frac{x}{2}$ S 5 B.T.  A red pine, 6 ins. dia., bears S. 30° W., 43 lks. dist.. mkd. $\frac{x}{2}$ S 6 B.T.
80.15	The cor. of secs. 5, 6, 7, and 8.  Land, mountainous.  Soil, gravelly ; 3rd rate.  Timber, pine.  Good grass for grazing.  Mountainous or heavily timbered land, 80.15 chs.

May 21, 1905.

## GENERAL DESCRIPTION.

This township is very rough and mountainous. The township is crossed diagonally from southwest to northeast by Indian Canon and the left hand fork of Indian Canon; these canons are from 1500 ft. to 2000 ft. below the divide ridge on either side. The hill sides are steep and precipitous.

The soil is generally gravelly or white clay; 3rd rate.

## Corrective Notes of

## Subdivision of T.6 S., R.7 W.-Continued.

Chs.

with the exception of the bottoms of Indian Canon and the left hand fork of Indian Canon, which is generally gravelly or clay loam; 2nd rate.

The township is watered by the creeks in Indian Canon the left hand fork of Indian Canon, and the head of Sower's Canon. The water in these creeks is somewhat alkaline.

There is a heavy growth of pinon pine, red pine, cedar, and aspen timber nearly all over the township.

There is an abundance of grass affording excellent grazing for sheep; it is too rough for cattle.

There are no settlers in this township except those living at the elaterite mine in sec. 13.

There is sufficient outcropping of elaterite in S. 1/4 of sec. 13 (where the Raven Mining Company is Developing property) in my opinion to classify the same as mineral lands. There is also some float along the bottom of Jones Hollow but not sufficient to classify the same as mineral lands.

*Scott A. Howard*  
U.S. Deputy Surveyor.

May 21, 1905.

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## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by \_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_ showing the respective capacities in which they acted:

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Moundman.

*For final affidavits see book 22, H.S.S.R. & D.* \_\_\_\_\_, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted \_\_\_\_\_, United States Deputy Surveyor, in surveying all those parts or portions of the \_\_\_\_\_

of the \_\_\_\_\_

meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for \_\_\_\_\_

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

*For final affidavits see book 22, H.S.S.R. & D.* \_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, United States Surveyor General for \_\_\_\_\_, bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_.

*In this affidavit do I certify that the foregoing field notes of the survey of the \_\_\_\_\_ meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.*

*United States Deputy Surveyor,*

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_. }

XXXXXX  
S. SEAL  
XXXXXX

## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Salt Lake City, Utah, July 29, 1906*  
*Corrector*  
The foregoing field notes of the survey of *The Subdivision of Township*  
*1 South Range 12 West of the Flinley Special Base*  
*of Meridian, Utah*

executed by *John P. Stewart and Clarence J. Davis*  
under his contract No. 281, dated *July 22, 1903*, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward H. Alderson*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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I.

BOOK A-320

## FIELD NOTES

OF THE SURVEY OF THE

SECOND GUIDE MERIDIAN WEST

through.....

Townships No. 7 South.....

Between Ranges Nos. 8 and 9 West.....

of the ..... UINTA, SPECIAL BASE AND Meridian,

STATE OF UTAH

AS SURVEYED BY

Scott R. Stewart and Clarence S. Jarvis, United States Deputy Surveyor,  
their Contract No. 281, dated July 22, 1903., 189x  
Survey commenced June 28, 1904., 189  
Survey completed June 29, 1904., 189x

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MAY 1860

## NAMES AND DUTIES OF ASSISTANTS.

Andrew J. Rasmussen	Chairman
Donald Forsyth	Chairman
John G. Smith	Chairman
Burton St. Messer	Chairman
William A. Bowles	Chairman
George M. Cannon Jr.	Axman
Frank S. Harris	Flagman

For preliminary oaths see book "A" T.5 S.Rg.8 and 9 W.

BOOK A-320

## INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

*Meanders Page* \_\_\_\_\_

## PRELIMINARY OATHS OF ASSISTANTS.

We, ..... and ..... do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

, Chainman.

, Chainman.

Subscribed and sworn to before me this ..... }  
day of ..... , 189 }



We, ..... and ..... do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

, Moundman.

, Moundman.

Subscribed and sworn to before me this ..... }  
day of ..... , 189 }



We, ..... and ..... do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

, Axman.

, Axman.

Subscribed and sworn to before me this ..... }  
day of ..... , 189 }



I, ..... , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman.

Subscribed and sworn to before me this ..... }  
day of ..... , 189 }



and Guide Meridian West, through Tps. 7 S., between Rs. 8 and 9 West.

Survey commenced June 28, 1904, and executed with a Young and Sons, light mountain transit No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the mer. at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on August 21, 1903.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a mer. established by Pol. obsn., I proceed as follows:

At the cor. of Tps. 6 and 7 S., Rs. 8 and 9 W., latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 53' 02''$  W., I set off  $39^{\circ} 55' 01''$  N., on the lat. arc;  $23^{\circ} 18'$  N., on the decl. arc; and at 5 h 3 m p.m. l.m.t., determine a meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

June 28, 1904.

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June 29, 1904: At 9 h 57m a.m., l.m.t., I obs. Pol. at eastern elong. in accordance with the Manual, and mark a point in the line thus determined, by a peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Pol. 1° 34.4' to the west and mark the mer. thus determined, by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.33 ins. east of the mark determined with the solar.

At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 55' 01''$  N., on the lat. arc;  $23^{\circ} 18'$  N., on the decl. arc; and mark the mer. determined

## 2nd Guide Meridian West, through Tps. 7 S., bet. Rs. 8 and 9 W.

	Chs. with the solar, by a cross on the stone, already set 5.00 chs. N. of the cor.; this mark falls 0.32 ins. east of the mer. established by Pol. obsn. The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about $0^{\circ}17''$ west and $0^{\circ}17''$ east of the mer. established by Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the meridate 7 Uhr 30 min. is N. $16^{\circ}44'W.$ , the angle thus determined, gives the mag. decl. $16^{\circ}44'E.$ . (not; magnetic north) for the level surface, which is 100 ft. above the ground. From the cor. of Tps. 6 and 7 S., Rs. 8 and 9 W., heretofore described. I run a line from the cor. bet. Tps. 6 and 7 S., Rs. 8 and 9 W. South, bet. secs. 1 and 6. Over mountainous land; through scattering timber. Asc. 5.00 Top of ridge, 100 ft. above Tp. cor. brs. N. $10^{\circ}E.$ and S. $10^{\circ}W.$ Ascend along side of ridge. Difference bet. measurements of 40.00 chs., by two sets of chainmen, is 6 lks., position of middle point, By 1st set, 39.97 chs. By 2nd set, 40.03 chs.; the mean of which is 40.00 Set a limestone, 16x8x5 ins., 11 ins. in the ground, for sec. cor.. mkd. $\pm$ on W. face; from which red pine, 8 ins. dia., bears S. $40^{\circ}E.$ , 92 lks. dist.. mkd. $\pm$ S. 8 B. T. in aspen, 16 ins. dim., bears S. $21^{\circ}W.$ , 88 lks. dist.. mkd. $\pm$ S. 1 B. T. 46.00 Top of ridge, 600 ft. above Tp. cor., bears E. and W. Desc. 50.00 Leave timber, bears E. and W.
--	---

2nd Guide Meridian West, through Tps. 7 S., bet. Rs. 8 and 9 West.-Cont.

Chs.

55.00 Commence more abrupt descent, bears E. and W.

65.00 Enter scattering timber, bears E. and W..

74.25 Spring branch, 1 lks. wide, 1 in. deep, in bottom of hollow,  
700 ft. below ridge, course E..

Leave timber, bears with hollow.

Asc.

Difference bet. measurements of 80.00 chs., by two sets  
of chainmen, is 10 lks.; position of middle point,

By 1st set, 79.95 chs.

By 2nd set, 80.05 chs.; the mean of which is

80.00 Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for  
cor. of secs. 1, 6, 7, and 12, mkd. with 1 notch on N. and 5  
notches on S. edges; and raise a mound of stone, 2 ft. base,  
1 $\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pinon pine and red pine.

Good grass for grazing.

Mountainous land, 80.00 chs.

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South, bet. secs. 7 and 12.

Over mountainous land; through dense undergrowth.

Asc.

7.00 Top of ridge, 300 ft. above sec. cor., bears E. and W.

Desc. through scattering timber.

23.50 Creek, 6 lks. wide, 4 ins. deep, in bottom of canon, 700 ft.  
below ridge, course N. 70° E.

Asc.

Difference bet. measurements of 40.00 chs. by two sets of  
chainmen, is 8 lks.; position of middle point,

By 1st set, 39.96 chs.

By 2nd set, 40.04 chs.; the mean of which is

2nd Guide Meridian West through Tps. 7 S. bet. R. 8 and 9 W.

Chs .	
40.00	Set a sandstone, 18x8x5 ins., 12 ins. in the ground, for sec.cor.. mkd. $\frac{1}{2}$ on N. face; from which An aspen, 8 ins. dia., bears N. $10^{\circ}$ E., 85 lks. dist.. mkd. $\frac{1}{2}$ S. 7 B.T. An aspen, 4 ins. dia., bears N. $50^{\circ}$ W., 50 lks. dist.. mkd. $\frac{1}{2}$ S. 12 B.T.  Difference bet. measurements of 80.00 chs. by two sets of chainmen, is 14 lks.; position of middle point, By 1st set, 79.93 chs. By 2nd set 80.07 chs.; the mean of which is 80.00 Set a sandstone, 18x10x5 ins., 12 ins. in the ground, for cor. of secs. 7, 12, 13, and 18; mkd. with 2 notches on N. and 4 notches on S. edges; from which A red pine, 24 ins. dia., bears N. $20^{\circ}$ E., 156 lks. dist.. mkd. T 7 S R 8 W S 7 B T. dist. A red pine, 16 ins. dia., bears S. $19^{\circ} 34' E.$ , 430 lks. dist.. mkd. T 7 S R 8 W S 18 B T. A red pine, 14 ins. dia., bears S. $7^{\circ}$ W., 405 lks. dist.. mkd. T 7 S R 9 W S 13 B T. A red pine, 7 ins. dia., bears N. $25^{\circ} 30' W.$ , 179 lks. dist.. mkd. T 7 S R 9 W S 12 B T.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pinon pine, red pine, and aspen.

Undergrowth, deer brush, aspen saplings, and buck-brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth.  
80.00 chs.

South, bet. secs. 13 and 18.

Over mountainous land; through dense undergrowth and  
scattering timber, and fallen dead timber.

A sec..

**TRANSCRIBED COPY OF  
ORIGINAL FIELD NOTES**

Guide Meridian West through Tps 7 S. bet. Rs. 8 and 9 W. -Continued.

- | Chs.  |  |
|-------|--|
| 4.00  | Enter heavy red pine timber, bears E. and W.   |
| 10.00 | Top of spur, 150 ft. above sec.cor., bears E. and W.   |
|       | <b>Desc.</b>   |
| 28.00 | Head of hollow, 400 ft. below spur, course NE. Asc.  |
| 28.25 | Leave heavy and enter scattering timber, bears E. and W.   |
| 36.00 | Top of divide ridge bet. Avintaquin and Willow Creek Canons, 200 ft. above hollow, bears S.60° W. and S.80° E.   |
|       | <b>Desc.</b> Leave fallen timber.  |
|       | Difference bet. measurements of t40.00 chs. by two sets of chainmen, is 2 lks.; position of middle point   |
|       | By 1st set, 39.99 chs.   |
|       | By 2nd set, 40.01 chs.; the mean of which is   |
| 40.00 | Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for $\frac{1}{2}$ sec.cor., mkd. $\frac{1}{2}$ on W. face; from which  |
|       | An aspen, 6 ins. dia., bears S.60° E., 70 lks.<br>dist.. mkd. $\frac{1}{2}$ S 18 B T.  |
|       | An aspen, 6 ins. dia., bears S.27° W., 73 lks.<br>dist.. mkd. $\frac{1}{2}$ S 13 B T.  |
| 41.00 | Enter heavy aspen timber, bears E and W.   |
| 43.50 | Leave timber, bears E. and W.  |
|       | Difference bet. measurements of 45.00 chs., by two sets of chainmen, is 8 lks., position of middle point,  |
|       | By 1st set, 44.96 chs.   |
|       | By 2nd set, 45.04 chs.; the mean of which is   |
| 45.00 | Intersect South Boundary of the Uintah Indian Reservation, Set a limestone, 18x12x4 ins., 12 ins. in the ground, for closing cor. of frac. Tps 7 S., Rs. 8 and 9 W., mkd. C C U I R, with 3 grooves on N., 6 Grooves on E., and 6 Grooves on W., and P L on S. faces; from which |
|       | An aspen, 4 ins. dia., bears N.19° E., 170 lks.<br>dist.. mkd. T 7 S R 8 W S 18 B T.   |
|       | An aspen, 4 ins. dia., bears N.53° W., 210 lks.<br>dist.. mkd. T 7 S R 9 W S 13 B T.   |
|       | From the closing cor. the $\frac{1}{2}$ mile cor. bet. the 73rd and 74th   |

2nd Guide Meridian West, through Tps. 7 S., bot. Rs. 8 and 9 W.-Continued.

chs.	mile cors. on the bdy., as established by Deputies A.H. and F.M.Brown, bears as follows:  N. 69° E., 14.58 chs., to the $\frac{1}{2}$ mile cor. bet. the 73rd and 74th mile cors.  Land, mountainous.  Soil, gravelly; 3rd rate.  Timber, red pine and aspen.  Undergrowth, deer brush and service berry brush.  Good grass for grazing.  Mountainous or heavily timbered land, or land covered with dense undergrowth, 45.00 chs.  June 29, 1904: At this cor. I set off 23° 14' N., on the decl. arc; and at 0 h 3 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is 39° 53' N., which is the proper lat. nearly.
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June 29, 1904.

2nd Guide Meridian West, through Tps. 7 S., bet. Rs. 8 and 9 W.-Contd.

Boundaries of T 7 S R 8 W.-

Latitudes, departures, and closing errors.

<u>Line Designated</u>	<u>Course</u>	<u>Dist-</u> <u>ance</u>	<u>Latitudes</u>		<u>Departures</u>	
			<u>N.</u>	<u>S.</u>	<u>E.</u>	<u>W.</u>
2nd Guide Meridian West	North	205.00	205.00			
N.bdy.1.7 S.,R.8 W.	N. $89^{\circ}54' E$	477.00	.84		477.00	
E.bdy.1.7 S.,R.7 W.	South	139.50		139.50		
S.bdy.U.I.Reservation	S. $56^{\circ} W.$	16.50		5.87		8.70
S.bdy.U.I.Reservation	N. $79^{\circ}45' W.$	87.00	15.48			35.61
S.bdy.U.I.Reservation	S. $50^{\circ}30' W.$	38.00		24.17		29.32
S.bdy.U.I.Reservation	N. $88^{\circ}30' W.$	27.80	.73			27.79
S.bdy.U.I.Reservation	N. $74^{\circ}30' W.$	79.20		21.17		76.32
S.bdy.U.I.Reservation	N. $55^{\circ}15' W.$	34.70	19.76			28.51
S.bdy.U.I.Reservation	S. $54^{\circ}15' W.$	23.30		13.61		18.91
S.bdy.U.I.Reservation	S. $66^{\circ}45' W.$	69.00		3.91		68.89
S.bdy.U.I.Reservation	S. $23^{\circ}45' W.$	16.00		14.65		6.44
S.bdy.U.I.Reservation	S. $70^{\circ}30' W.$	45.00		15.02		42.42
S.bdy.U.I.Reservation	N. $67^{\circ}45' W.$	38.00	14.39			35.17
S.bdy.U.I.Reservation	S. $69^{\circ} W.$	51.58		18.48		48.15
Convergency					.20	
Totals			256.28	256.38	477.20	476.23
Error in lat.					.16	
Error in dep.						.97

GENERAL DESCRIPTION.

Fractional Tps. 7 S., rs. 8 and 9 W., are high and mountainous, well timbered and producing an abundance of good grass.

June 29, 1904.

*Scott A. Stewart*  
U.S. Deputy Surveyor.

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**PAGE**

## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by Scott P. Stewart and Clarence Jarvis, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the 2nd Guide Meridian, through Tps. 5, 6, and 7 S., bet. R. 8 and 9 W., of the Uintah Special Base Meridian, Utah; showing the respective capacities in which they acted:

Andrew D. Rasmussen	, Chainman.
Donald Fisseyth	, Chainman.
John G. Smith	, Chainman.
Benton H. Munsen	, Moundman.
William A. Bowles	, Moundman.
George W. Cannon Jr.	, Axman.
Frank S. Harris	, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Scott P. Stewart, United States Deputy Surveyor, in surveying all parts or portions of the 2nd Guide Meridian, West, through Tps. 5, 6, and 7 S., bet. R. 8 and 9 W.,

of the Clinton Special Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Andrew D. Rasmussen	, Chainman.
Donald Fisseyth	, Chainman.
William G. Bowles	, Moundman.
Benton H. Munsen	, Moundman.
George W. Cannon Jr.	, Axman.
John G. Smith	, Chainman.
Frank S. Harris	, Flagman.

scribed and sworn to before me this 17th day of August 1904, -189-

Scott P. Stewart

U. S. Deputy Surveyor



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Scott P. Stewart, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from Edward H. Anderson, United States Surveyor General for Utah, bearing date of the 22<sup>nd</sup> day of July, 1903, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the 2<sup>nd</sup> Guide Meridian West, through Tds. 5, 6, and 7 S., betw. Rgs. 8 and 9 W.

of the Uintah Special Base and meridian, in the Estate of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Scott P. Stewart

United States Deputy Surveyor.

Subscribed by said Scott P. Stewart, and sworn to before me }  
this 26<sup>th</sup> day of September, 1904 }



Edward H. Anderson  
U.S. Surveyor General  
for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, November 3, 1904

The foregoing field notes of the survey of the Second Guide Meridian West, through Township No. 7 South, between Ranges 8 and 9 West of the Uintah Special Base and Meridian, Utah,.

executed by Scott P. Stewart and Clarence S. Jarvis  
their 281, dated July 22, 1903, 1904, having been  
under his contract No. 281, dated July 22, 1903, 1904, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson  
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

United States Surveyor General

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4-679.

S.P.S

151

BOOK A-320

FILED

J

SEP 17 1904

SEE BOOK 9 CORRECTIVE FIELD NOTES

# FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

OF

Township No. 7 South, Range No. 8 West

Of the Uintah Special Base and Meridian,

Utah,

AS SURVEYED BY

Cott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyor's,

their under his Contract No. 281, dated July 22, 1903.

Survey commenced June 29, 1904.

Survey completed July 3, 1904.

6-161

Aug 19 66 '11  
Closing 46.74

BCCR-A-320

## **NAMES AND DUTIES OF ASSISTANTS.**

Andrew T. Rasmussen Chairman.

Chairman.

Donald Forsyth Chairman.

Chairman.

William A. Bowles                          Moundman.

Moundman.

Burton W. Musser Moundman.

Moundjian

George M. Cannon, Jr. Axrian

ANSWER

John G. Smith Axman.

Ayman

Digitized by srujanika@gmail.com

-----

Frank S. Harris Flagman.

Flagman.

For preliminary affidavits see book "C" T.5 S.R.8 W.

BOOK A-320

## INDEX DIAGRAM.

*Township* ..... *Range* .....

	2	3	4	5	6	7
8	9	10	11	12		
13	14	15	16	17	18	
19	20	21	22	23	24	
25	26	27	28	29	30	
31	32	33	34	35	36	

*Meanders Page* .....

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and \_\_\_\_\_

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chainman

, Chainman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundman

, Moundman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and \_\_\_\_\_

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axman

, Axman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_

, Flagman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



Sixty sec. of T 7 S., R 8 W.

Survey commenced June, 29, 1904, and executed with a Young and Sons, light mountain transit, No. 7781, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined tested on the mer. at Salt Lake City, found correct and was approved by the surveyor general for Utah, on August 21, 1903.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours with a mer. established by Pol. obsn., I proceed as follows:

At the cor. of secn. 1, 2, 35, and 36, on N. bdy. of Tp., latitude  $39^{\circ}55'01''N.$ , longitude  $110^{\circ}47'23''W.$ , I set off  $39^{\circ}55'N.$ , on the lat. arc;  $23^{\circ}15'N.$ , on the decl. arc; and at 5 h 2 m p.m., l.m.t., I determined a mer. with the solar, and mark a point thereof on a stone set firmly in the ground, 5.00 chs. N. of the cor.

June 29, 1904.

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June 30, 1904: at 6 h 33.1 m a.m., l.m.t., I observe Pol. at eastern elongation, in accordance with the Manual, and mark a point in the line thus determined, on a peg driven in the ground, 5.00 chs. N. of the cor.

June 30, 1904: at 6 h 30 m a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ}34'.4'$  to the west and mark the mer. thus determined, by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.4 inc. east of the mark determined with the solar.

At 7 h 3 m a.m., l.m.t., I set off  $3^{\circ}55'N.$ , on the lat.

Subdivision of T. 7 S., R. 8 W.-Continued.

Chs .	<p>arc; <math>23^{\circ} 12'</math>N., on the decl.arc; and mark the meridian determined with the solar, by a cross on the stone already set 5.00 chs.N. of the cor.; this mark falls 0.3 ins.east of the mer. established by Pol.obsn.</p> <p>The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about <math>0'21''</math>west and <math>0'16''</math>east of the mer. established by Pol.obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.</p> <p>The magnetic bearing of the mer. at 7 h 30 m a.m., is N.<math>16^{\circ} 38'</math>W., the angle thus determined gives the mag. decl.<math>16^{\circ} 38'</math>E.</p> <hr/> <p>From the cor.of secs.1,2,35, and 36, on N. boundary of Tp; herefore described,</p> <p>I run</p> <p>S.<math>0^{\circ} 1'</math>E., bet.secs.1 and 2.</p> <p>Over mountainous land; through heavy pine and aspen timber and fallen dead timber.</p> <p>Asc.</p> <p>19.00 Top of divide ridge bet.the left hand fork of Indian Canon and Indian Canon, 600 ft.above sec.cor., bears N.<math>60^{\circ}</math>E. and S.<math>60^{\circ}</math>W.</p> <p>Leave heavy and enter scattering timber,bears with ridge.</p> <p>Desc.</p> <p>34.00 Enter heavy aspen timber,bears E.and W.</p> <p>40.00 Set a sandstone, <math>18 \times 9 \times 4</math> ins., 12 ins.in the ground, for <math>\frac{1}{2}</math> sec.cor.. mkd. <math>\frac{1}{2}</math> on W.face; from which</p> <p>A red pine, 30 ins.dia., bears S.<math>62^{\circ}</math>E., 65 lks. dist.. mkd. <math>\frac{1}{2}</math> S 1 B T.</p> <p>An aspen, 4 ins.dia., bears N.<math>87^{\circ}</math>W., 34 lks. dist.. mkd. <math>\frac{1}{2}</math> S 2 B T.</p> <p>44.00 Road from Colton to elaterite mine,bears E.and S.<math>60^{\circ}</math>W.</p>
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Cor.  
air Note  
et

## Subdivision of T.7 S. R.8 W.-Continued.

Chs.

48.00 Creek; 2 lks. wide 1 in. deep, in bottom of left hand fork of Indian Canon, 800 ft. below ridge, course E.

Asc. along side of hollow .

80.00 Point 600 ft. above canon.

Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, mkd. with 5 notches on S. and 1 notch on E. edges; from which

A balsam, 4 ins. dia., bears N. 50° E., 20 lks.

dist.. mkd. T 7 S R 8 W S 1 B T.

A red pine, 4 ins. dia. bears S. 40° E., 65 lks.

dist.. mkd. T 7 S R 8 W S 12 B T.

A red pine, 6 ins. dia., bears S. 15° W., 70 lks.

dist.. mkd. T 7 S R 8 W S 11 B T.

A red pine, 8 ins. dia. bears N. 45° 30' W., 30 lks. dist.. mkd. T 7 S R 8 W S 2 B T.

Land, mountainous .

Soil, gravelly; 3rd rate.

Timber, pinon pine, aspen, and red pine.

Good grass for grazing.

Mountainous or heavily timbered land, 80.00 chs.

N. 89° 54' E., on a random line bet. secs. 1 and 12.

40.00 Set temp.  $\frac{1}{4}$  sec.cor.

79.76 Intersect E.bdy. of Tps., 2 lks. S. of the cor. of secs. 1, 6, 7, and 12, heretofore described.

Thence I run

S. 89° 53' W., on a true line bet. secs. 1 and 12.

Over mountainous land; through scattering timber and scattering undergrowth.

ASC.

13.00 Enter heavy aspen timber, bears N. and S.

cl. 6  
butcher  
lager

Mr. G.  
water, N.  
Page 2

## Subdivision of 1.7 S., R.8 W.-Continued.

Chs.	
20.00	Top of ridge, 500 ft. above sec.cor., bears N.30° E. and S.30° W. Desc.
32.00	Leave heavy aspen timber and enter fallen dead timber, bears N.30° E. and S.30° W.
<u>39.88</u>	Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for sec.cor.. mkd. $\pm$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
43.50	Bottom of hollow, 600 ft. below ridge, course N. Leave dead timber and enter heavy aspen timber, bears N. and S. Asc.
48.00	Leave heavy and enter scattering timber, bears N. and S.
60.00	Top of ridge, 500 ft. above hollow, bears N.20° E. and S.20° W. Desc.
71.00	Enter heavy timber, bears N. and S.
73.00	Bottom of hollow, 600 ft. below ridge, course N.10° E. Asc.
<u>79.76</u>	Point 250 ft. above hollow. The cor. of secs. 1, 2, 11, and 12. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, service berry and deer brush and aspen saplings. Good grass for grazing. Mountainous or heavily timbered land, 79.76. chs.

The line bet. secs. 11 and 12 will intersect the bdy.; therefore I run

S.0°1'E., on a true line bet. secs. 11 and 12.

Over mountainous land; through heavy timber.

## Subdivision of T.7 S., R.8 W.-Continued.

- Chs. Asc.along side of hollow.
- 40.00 Point 600 ft.above sec.cor.  
Set a sandstone,16 x10x4 ins.,11 ins.in the ground,for  
sec.cor..mkd. $\frac{1}{2}$  on W.face;from which  
A red pine,6 ins.dia.,bears S.35°E.,65 lks.  
dist..mkd. $\frac{1}{2}$  S 12 B T.  
An aspen,6 ins.dia.,bears N.80°W.,50 lks.  
dist..mkd. $\frac{1}{2}$  S 11 B.T.
- 52.60 Intersect South Boundary of the Uintah Indian Reservation,  
Set a sandstone,18x12x6 ins.,12 ins.in the ground,for  
closing cor.of fracsecs.11 and 12,mkd.C C U I R ,with  
2 grooves on N.and 1 groove on E.and P.L.on S.faces;from  
which  
A red pine,10 ins.dia.,bears N.34°E.,400 lks.  
dist..mkd.T 7 S R 8 W S 12 B T.  
A red pine,8 ins.dia.,bears N.9°30'W.,305 lks.  
dist..mkd.T 7 S R 8 W S 11 B T.  
From the closing cor.the 8th mile.cor.of the bdy..as  
established by Deputies A.H. and F.M.Brown bears as  
follows:  
S .79°45'E.,16.78 chs.to mile post No.68.  
Land,mountainous.  
Soil,gravelly and clay loam;2nd rate.  
Timber,pine and aspen.  
Good grass for grazing.  
Mountainous or heavily timbered land,52.60 chs.  
June 30,1904:At this cor.I set off 23°11'N.,on the decl.  
arc;and at 6 h 2 m p.m.,l.m.t.,I observe the sun on the  
mer.the resulting lat.is 39°53'N.,which is the proper  
lat.nearly.

From the cor.of secs.2,3,34, and 35, on N.bdy.of Tp.,  
heretofore described.

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rective  
PageSee  
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Subdivision of T. 7 S. R. 6 W. -Continued.

Chs.	I run  S. 0° 1'E., bet. secs. 2 and 3.  Over mountainous land; through heavy pine and aspen timber.  Ascend.
16.00	Leave timber and enter dense undergrowth, bears E. and W.
22.00	Top of ridge, 250 ft. above sec. cor., bears NW and S. 80° E.  Desc.
38.00	Enter heavy pine timber, bears NW and SE.
40.00	A red pine, 12 ins. dia., for $\frac{1}{4}$ sec. cor., I mark $\frac{1}{4}$ S 3 on W. side, 2 on E. side, from which  A red pine, 14 ins. dia., bears N. 80° E., 20 lks. dist.: mkd. $\frac{1}{4}$ S 2 B T.  A red pine, 10 ins. dia., bears N. 82° W., 18 lks. dist.: mkd. $\frac{1}{4}$ S 3 B T.
41.00	Bottom of head of hollow, 300 ft. below ridge, course N. 45° W.  Asc.
45.00	Leave timber and enter dense undergrowth, bears NW and SE.
47.00	Top of ridge, 200 ft. above hollow, bears N. 70° W. and S. 70° E.  Desc.
64.00	Creek, 2 lks. wide, 1 ins. deep, in bottom of hollow, 500 ft. below spur, course W. (west side of hollow), 100 ft. Leave undergrowth and enter heavy pine and aspen timber, and fallen dead timber, bears E. and W.  Asc.
74.00	Top of ridge, 600 ft. above hollow, bears N. 80° W. and S. 80° E.  Leave timber, and enter scattering undergrowth, bears with ridge.  Desc.
80.00	Point 200 ft. below ridge,  Set a sandstone, 24x12x10 ins., 12 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, mkd. with 5 notches on S. and 2

## Subdivision of T. 7 S. R. 8 W. -Continued.

Chs.      notches on E. edges; and raise a mound of stone, 6 ft. bare,  
 1 $\frac{1}{2}$  ft. high, N. of cor.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pine and aspen.  
 Undergrowth, service berry and deer brush and sage brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered with  
 dense undergrowth, \$0 .00 chs.

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N.  $89^{\circ} 54' E.$ , on a random line bet. secs. 2 and 11.

- 40.00 Set temp. at sec. cor.  
 79.92 Intersect N. and S. line, 10 lkr.s. of the cor. of secs.  
 1, 2, 11, and 12.  
 Thence I run  
 ✓  
 S.  $89^{\circ} 50' W.$ , on a true line bet. secs. 2 and 11.  
 Over mountainous land; through heavy pine and aspen timber.  
 Asc.  
 12.00 Leave heavy and enter scattering timber, bears N. and S.  
 15.00 Top of ridge, 500 ft. above sec. cor., bears N. and S.  
 Desc.  
 20.00 Enter heavy pine and aspen timber, bears N. and S.  
 25.50 Road, from Colton to claterite mine, bears N.  $30^{\circ} E.$  and  
 S.  $20^{\circ} W.$ , in bottom of left hand fork of Indian Canon,  
 300 ft. below ridge, course N.  $20^{\circ} E.$   
 Asc.  
 32.00 Colton, Vernal road, bears N. and SE.  
 34.00 Top of divide ridge bet. the left hand fork of Indian  
 Canon and the east fork of Avintquin Canon, 350 ft.  
 above canon, bears N.  $10^{\circ} E.$  and SE.  
 Desc.  
 39.96 Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for  
 a sec. cor. mldg. on N. face; from which

## Subdivision of T. 7 S., R. 8 W.-Continued.

Chs.	A red pine, 12 ins. dia., bears N. 45° W., 65 lks. dist.. mkd. $\pm$ S. 2 B T.
	A red pine, 14 ins. dia. bears S. 40° W., 60 lks. dist.. mkd. $\pm$ S 11 B T.
75.00	Leave heavy timber and enter dense undergrowth and dead fallen timber, bears N. and S.
79.92	The cor. of secs. 2, 3, 10, and 11.  Land, mountainous.  Soil, gravelly loam; 2nd rate.  Timber, pine and aspen.  Undergrowth, sage and deer brush.  Good grass for grazing.  Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.92 chs.

The line bet. secs. 10 and 11, will intersect the Reservation bdy.; therefore I run

S. 0° 1'E., on a true line bet. secs. 10 and 11.

Over mountainous land; through dense undergrowth and fallen dead timber.

Desc.

4.00 Bottom of hollow, 50 ft. below sec. cor., course N. 60° W.

Enter heavy timber, bears with hollow.

Asc.

12.00 Top of ridge, 200 ft. above hollow, bears N. 60° W. and S. 60° E.

Leave timber, bears with ridge.

Desc. abruptly.

23.00 Bottom of canon, 600 ft. below ridge, course N. 80° W.

Creek, 3 lks. wide, 2 ins. deep, in bottom.

Asc. through heavy timber.

40.00 Set a sandstone, 18x8x4 ins., 12 ins. in the ground, for

Subdivision of T. 7 S., R. 8 W.-Continued.

- Chs.  $\frac{1}{4}$  sec.cor..mkd. $\frac{1}{4}$  on W.face; from which  
 A red pine, 12 ins.dia., bears N.88° E., 30 lks.  
 dist..mkd. $\frac{1}{4}$  S.11 B T.
- A red pine, 11 ins.dia., bears N.75° W., 45 lks.  
 dist..mkd. $\frac{1}{4}$  S.10 B T.
- 70.00 Leave timber and enter dense undergrowth, bears NW and SE.
- 75.00 Intersect South Boundary of the Uintah Indian Reservation,  
 Set a sandstone, 24x12x5 ins., 18 ins.in the ground, for  
 closing cor.of fracsecs.10 and 11, mkd. C C U I R , with  
 2 grooves on N., 2 grooves on E., and P L on S.faces; from  
 which  
 A red pine, 12 ins.dia., bears N.37° 30'E., 487 lks.  
 dist..mkd.T 7 S R. 8 W. S 11 B T.
- A red pine, 16 ins.dia., bears N.64° W., 220 lks.  
 dist..mkd.T 7 S R. 8 W. S. 10 B T.
- From the closing cor., the  $\frac{1}{2}$  mile cor., bet.the 69th and  
 70th mile cors., established by Deputies A.H. and F.M  
 Brown, bears as follows:  
 S.74° 30'W., 14.38 chs., to  $\frac{1}{2}$  mile post,bet.the  
 69th and 70th mile cors.
- Land, mountainous.
- Soil, gravelly loam; 2nd rate.
- Timber, pine and aspen.
- Undergrowth, sage and deer brush.
- Good grass for grazing.
- Mountainous or heavily timbered land,or land covered with  
 dense undergrowth, 75.00 chs.

June 30, 1904.

July 1, 1904: At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 55'N.$ ,  
 on the lat.arc;  $23^{\circ} 09'W.$ , on the decl.arc; and determine a  
 mer.with the solar, at the cor.of secs. 3, 4, 33, and 34, on  
 N.hdy.of Tp., heretofore described.

## Subdivision of T 7 S R 8 W -continued.

Chs.	Thence I run S.0°2'E., bet. secs. 3 and 4. Over mountainous land; through heavy timber. Asc. 17.00 Leave heavy and enter scattering timber, bears E. and W. 40.00 Point 600 ft. above sec.cor. Set a sandstone, 20x12x6 ins., 15 ins. in the ground, for sec.cor.. mkd. $\frac{1}{2}$ on W. face; from which a A red pine, 6 ins. dia., bears S.80°W., 65 lks. dist.. mkd. $\frac{1}{2}$ S 3 B T. A red pine, 18 ins. dia., bears S.75°W., 30 lks. dist.. mkd. $\frac{1}{2}$ S 4 B T. 80.00 1000 ft. above sec.cor. Set a sandstone, 18x16x5 ins., 12 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, mkd. with 5 notches on S. and 3 notches on E. edges; from which A red pine, 14 ins. dia., bears N.85°E., 30 lks. dist.. mkd. T 7 S R 8 W S 3 B T. A red pine, 8 ins. dia., bears S.10 °E., 100 lks. dist.. mkd. T 7 S R 8 W S 10 B T. A red pine, 7 ins. dia., bears S.65°W., 149 lks. dist.. mkd. T 7 S R 8 W S 9 B T. A red pine, 10 ins. dia., bears N.10°W., 200 lks. dist.. mkd. T 7 S R 8 W S 4 B T. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 80.00 chs.
40.00	N.89°54'E., on a random line bet. secs. 3 and 10. Set temp. $\frac{1}{2}$ sec.cor.
79.80	Intersect N. and S. line, 14 lks. N. of the cor. of secs.

Subdivision of T 7S R 8 W -Continued.

- Chs. 2,3,10, and 11.
- Thence I run  
West, on a true line bet. secs. 3 and 10.  
Over mountainous land; through scattering aspen timber  
and scattering undergrowth and fallen dead timber.
- Desc.
- 10.00 Bottom of hollow, 300 ft. below sec. cor., course N. 60° W.  
Asc.
- 16.50 Top of spur, 140 ft. above hollow, bears NW and SE.  
Desc.
- 23.00 Creek, 3 lks. wide, 2 ins. deep, in bottom of canon, 600 ft.  
below spur, course N. 20° W.  
Asc. abruptly.
- 38.00 Top of ridge, 850 ft. above canon, bears N. and S.  
Desc.
- 39.90 Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., mkd. with  $\frac{1}{4}$  on N. face; from which  
An aspen, 3 ins. dia., bears N. 20° E., 47 lks.  
dist..mkd.  $\frac{1}{4}$  S 3 B.T.  
An aspen, 3 ins. dia., bears S. 10° W., 14 lks.  
dist..mkd.  $\frac{1}{4}$  S 10 B.T.
- 63.00 Creek, 3 lks. wide, 2 ins. deep, in bottom of canon, 800 ft.  
below ridge, course N. 20° W.  
Asc.
- 64.00 Leave fallen dead timber, bears N. 20° W. and S. 20° E.
- 79.80 The cor. of secs. 3, 4, 9, and 10.  
Land, mountainous.  
Soil, gravelly ; 3rd rate.  
Timber, aspen.  
Undergrowth, sage and deer brush and aspen saplings.  
Good grass for grazing.  
Mountainous land, 79.80 chs.
- 
- S. 0° 2'E., bet. secs. 9 and 10.

## Subdivision of T 7 S .R.8 W -Continued.

- Chs. Over mountainous land; through scattering pine and aspen timber and scattering undergrowth.  
Desc. gradually.
- 10.00 Enter heavy timber, bears NE and SW.
- 55.50 Bottom of canon, 100 ft. below sec.cor., course N.25°E.  
Asc.
- 40.00 Set a sandstone, 18x11x6 ins., 12 ins. in the ground, for  
sec.cor.. mkd.  $\frac{1}{2}$  on E. face; from which  
A white pine, 6 ins. dia., bears N. 65° E., 40  
lks. dist.. mkd.  $\frac{1}{2}$  S10 B T.  
A white pine, 10 ins. dia., bears S. 20° W., 65 lks.  
dist.. mkd.  $\frac{1}{2}$  S 9 B T.
- 69.50 Old road, bears NW. and SE.
- 77.00 Top of divide ridge bet. east fork of Avintquin Canon and Willow Creek Canon, 800 ft. above canon, bears N.70°W. and SE.  
Desc.
- 80.00 Set a sandstone, 22x8x6 ins., 16 ins. in the ground, for  
cor.of secs. 10, and 15, mkd. with 4 notches on S. and  
3 notches on E.edges; from which  
A red pine, 8 ins. dia., bears N.59°E., 50 lks.  
dist.. mkd. T 7 C R 8 W S 10 B T.  
A red pine, 10 ins. dia., bears S.22°E., 250 lks.  
dist. mkd. T 7 L R 9 W S 15 B T.
- Note : We mark this cor. for secs. 10 and 15 only, because we deem it advisable to make the small part of what would be sec. 16, a part of secs. 9.
- Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pinon pine and aspen, and red pine and white pine.  
Undergrowth, sage and deer brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.00 chs... 11 ins.  
July 1, 1904: at the noon hour the sky is overcast and solar observations are impossible.

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to page 5

## Subdivision of T. 7 S., R. 8 W.--Continued.

Chs.

Note: The line bet. secs. 10 and 15 will intersect the Reservation Bdy.; therefore I run East, on a true line bet. secs. 10 and 15. Over mountainous land; through heavy timber.

Asc.

5.00 Top of ridge, 100 ft. above sec. cor., bears NE and SW.

Desc

20.00 Head of hollow, 150 ft. below ridge, course N. A small spring of good water bears N. about 5.00 chs. dist. not seen from line.

Asc.

27.50 Top of ridge, 100 ft. above hollow, bears N. 10° E. and S. 10° W. Desc.

30.00 Old road, bears N. 70° W. and S. 70° E.

40.00 Set a sandstone, 20x5x6 ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor., mkd.  $\frac{1}{2}$  on N. face; from whichA red pine, 18 ins. dia., bears N. 31° W., 128 lks. dist. mkd.  $\frac{1}{2}$  S 10 B.T.A red pine, 8 ins. dia., bears S. 19° W., 275 lks. dist. mkd.  $\frac{1}{2}$  S 15 B.T.

62.78 Top of divide ridge bet. east fork of Avintaquin Canon and Willow Creek Canon, in low saddle, 250 ft. below ridge, bears E. and S. 80° W.

Intersect South Boundary of the Uintah Indian Reservation, Set a sandstone, 14x10x6 ins., 9 ins. in the ground, for closing cor. of frac. secs. 10 and 15, mkd. C C U. I R , with 4 grooves on W. and 2 grooves on N., and P L on S. faces; dig pits, one 30x24x12 ins., N.E. of stone, 3 ft. dist., and one 24x18x12 ins., W. of stone, 7 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

From the closing cor. the  $\frac{1}{2}$  mile cor. bet. the 69th and 70th mile cors. on the bdy., as established by Deputies A.H. and F.M. Brown bears as follows:

N. 74° 30' E., 298 lks. to the  $\frac{1}{2}$  mile cor. bet. the

See  
Section  
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## Subdivision of T 7 S R 8 W -Continued.

Chs.	69th and 70th mile cors. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 62.78 chs.
10.12	N.89°56'W., on a true line bet. Secs. 9 and 16. Intersect S.bdy. Uintah Indian Reservation at a point 2.35 chs. N.55°15'W. from $\frac{1}{2}$ mile cor. bet. the 70 and 71 mile cors. on said boundary.
	Note: The line bet. secs. 16 and 15, will intersect the Reservation boundary; therefore I run S.0°2'E., on a true line bet. secs. 16 and 15. Over mountainous land; through heavy timber.
	Desc.
2.00	Leave timber and enter dense undergrowth, bears NW and SE.
7.02	Intersect South Boundary of the Uintah Indian Reservation, Set a sandstone, 20x16x6 ins., 15 ins. in the ground, for closing cor. of frac; secs. 16 and 15, mkd. C C U I R, with 2 grooves on N., 3 grooves on E., and P L on S. faces; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of the cor. From the closing cor. the $\frac{1}{2}$ mile cor. bet. the 70th and 71st mile cors. on the bdy., as established by Deputies A.H. and F.M. Brown, bears as follows:
	N.55°15'W., 9.97 chs., to the $\frac{1}{2}$ mile post, bet. the 70th and 71st mile cors.
	Land, mountainous Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, sage brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 7.02 chs.

July 1, 1904.

## Subdivision of T. 7 S. R. 8 W.-Continued.

- Chs. July 2, 1904: At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 55' N.$ , on the lat. arc;  $23^{\circ} 4' N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 4, 5, 32, and 33, on N. bdy. of Tp., heretofore described.
- Thence I run S.  $0^{\circ} 3' E.$ , bet. secs. 4 and 5.
- Over mountainous land; through scattering undergrowth.
- Desc.
- 8.00 Bottom of hollow, 150 ft. below sec. cor., course NW. Enter dense aspen saplings, bears with hollow.
- Asc.
- 13.00 Leave aspen saplings and enter dense sage brush, bears NW and SE.
- 40.00 Set a sandstone, 18x12x3 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on W. face; and raise a mound of stone,  $\frac{2}{3}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 49.00 Enter scattering red pine timber, bears E. and N.
- 67.00 Top of ridge, 600 ft. above hollow, bears NW and S.  $20^{\circ}$  E.
- Desc.
- 68.00 Leave timber, bears NW and S.  $20^{\circ}$  E.
- 80.00 Set a sandstone, 18x6x5 ins., 12 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, mkd. with 5 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- Land, mountainous.
- Soil, gravelly; 3rd rate.
- Timber, red pine.
- Undergrowth, aspen saplings and sage brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth,
- 80.00 chs.

## Subdivision of T 7 S R 8 W Continued

- Chs. N.89° 54'E. on a random line bet. secs. 4 and 9.
- 40.00 Set temp.  $\frac{1}{2}$  sec.cor.
- 80.02 Intersect N. and S. line 23 lks. N. of the cor. of secs. 3, 4, 9, and 10. Thence I run  
N. 89° 56' W., on a true line bet. secs. 4 and 9.  
Over mountainous land; through scattering timber and dense undergrowth.
- Asc.
- 7.00 Top of ridge, 200 ft. above sec.cor., bears N. and S.
- Desc.
- 40.01 Set a sandstone, 16x14x4 ins., 11 ins. in the ground, for  $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
An aspen, 5 ins. dia., bears N. 50° W., 60 lks.  
dist. mkd.  $\frac{1}{2}$  S 4 B T.  
An aspen, 4 ins. dia., bears S. 25° W., 70 lks.  
dist. mkd.  $\frac{1}{2}$  S 9 B T.
- 50.00 Bottom of canon, 600 ft. below ridge, course N. 30° E.  
Enter heavy timber, bears with canon.
- Asc.
- 72.00 Leave timber, bears N. and S.
- 73.00 Top of ridge, 600 ft. above canon, bears N. and S.
- Desc.
- 80.02 The cor. of secs. 4, 5, 8, and 9.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pinon pine and aspen and red pine.  
Undergrowth, sage brush buck brush and deer brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.02 chs.
- 
- S. 6° 3'E., bet. secs. 8 and 9.

## Subdivision of T.7.S., R.8.W.-Continued.

Chs.	Over mountainous land; through dense undergrowth.
	Descend. N. 70° W. Ad. C.
3.00	Bottom of hollow, 75 ft. below sec. cor., course N. 70° W. Enter heavy pine and aspen timber. Asc.
31.50	Top of spur, 200 ft. above hollow, bears NW and SE. Asc.
40.00	Set a sandstone, 22x10x4 ins., 16 ins. in the ground, for sec. cor.. mkd. $\frac{1}{2}$ on W. face; from which  A red pine, 10 ins. dia., bears N. 81° E., 180 lks. dist.. mkd. $\frac{1}{2}$ S 9 B T.  A red pine, 6 ins. dia., bears N. 77° W., 35 lks. dist.. mkd. $\frac{1}{2}$ S 8 B. T.
80.00	Set a sandstone, 20x9x3 ins., 15 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, mkd. with 4 notches on S., and E. edges; from which  A red pine, 5 ins. dia., bears N. 43° E., 86 lks. dist.. mkd. T 7 S R 8 W S 9 B T.  A red pine, 12 ins. dia. bears S. 60° E., 97 lks. dist.. mkd. T 7 S R 8 W S 16 B T.  A red pine, 7 ins. dia. bears S. 73° W., 170 lks. dist.. mkd. T 7 S R 8 W S 17 B T.  A red pine, 14 ins. dia., bears N. 11° W., 175 lks. dist.. mkd. T 7 S R 8 W S 8 B T.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pine and aspen.
	Undergrowth, sage brush.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	July 2, 1904: At the noon hour the sky is overcast and solar observations are impossible.

The line bet. secs. 9 and 16 will intersect the Reservation bdy. therefore I run

## Subdivision of T.7 S., R.8 W.-Continued.

Chs.	S.89° 56'E., on a true line bet. secs. 9 and 16. Over mountainous land; through heavy timber. Asc. 2.00 Top of ridge, 10 ft. above sec. cor., bears N. and S. Desc. 15.00 Bottom of canon, 50 ft. below ridge, course N. Asc. 40.00 An aspen, 12 ins. dia., for $\frac{1}{2}$ sec. cor., I mark, $\frac{1}{2}$ S 9 on N. side, 16 on S. side, from which An aspen, 10 ins. dia., bears N. 5° E., 24 lks. dist.. mkd. $\frac{1}{2}$ S 9 B.T. A red pine, 4 ins. dia., bears S. 30° W., 48 lks. dist.. mkd. $\frac{1}{2}$ S 16 B.T. 55.12 Intersect South Boundary of the Uintah Indian Reservation, Set a sandstone, 20x10x6 ins., 15 ins. in the ground, for closing cor. of frac. secs. 9 and 16, mkd. C C U I R, with 3 grooves on W., 2 grooves on N. and P L on E. faces; from which A red pine, 5 ins. dia., bears N. 20° W., 46 lks. dist.. mkd. T 7 S R S W S 9 B.T. An aspen, 6 ins. dia., bears S. 59° W., 225 lks. dist.. mkd. T 7 S R S W S 16 B.T. From the closing cor. the 71st mile cor. on the bdy. as established by Deputies A.H. and F.M. Brown, bears as follows: S. 54° 15' W., 14.53 chs. S. 86° 45' W., 5.00 chs. to mile post No. 71. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 55.12 chs.
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Corrections  
to Page 5Corrections  
to Page 5

## Subdivision of T. 7 S., R. 8 W.-Continued.

- Chs.
- Note: The line bet. secs. 16 and 17, will intersect the Reservation Bdy.; therefore I run  
 S.0° 3'E., on a true line bet. secs. 16 and 17.  
 Over mountainous land; through heavy timber.
- Asc.
- 9.60 Old road; bears NW and SE.
- 10.90 Intersect South Boundary of the Uintah Indian Reservation  
 Set a limestone, 14x8x5 ins., 9 ins. in the ground, for  
 closing cor. of fract. secs. 16 and 17, mkd. C C U I R , with  
 2 grooves on N, 4 grooves on E. and 1 L on S. face; from which  
 A red pine, 12 ins. dia. bears N. 46° 30'E., 226  
 lks. dist., mkd. T 7 S R 8 W S 16 B T.  
 A red pine, 12 ins. dia., bears N. 29° W., 195  
 lks. dist., mkd. T 7 S R 8 W S 17 B T.  
 From the closing cor. the  $\frac{1}{2}$  mile cor. on the bdy. bet. the  
 71st and 72nd mile cor., as established by Deputies  
 A. H. and F. M. Brown, bears as follows:  
 S. 86° 45' W., 1.60 chs., to the  $\frac{1}{2}$  mile post bet.  
 the 71st and 72nd mile cors.  
 Land, mountainous ;  
 Soil, gravelly; 3rd rate.  
 Timber, pine and aspen.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 10.90 chs.
- 
- From the cor. of secs. 5, 6, 31, and 32, on N. bdy. of Tp.,  
 heretofore described.
- I run  
 E.0° 3'E., bet. secs. 5 and 6.  
 Over mountainous land; through scattering undergrowth.  
 Asc.

## Subdivision of T. 7 S., R. 8 W.-Continued.

Chs.

12.00 Top of ridge, 100 ft. above sec.cor., bears NW and SE.  
Enter scattering timber, bears with ridge.

Desc.

34.50 Bottom of hollow, 400 ft. below ridge, course E.  
Leave timber, bears with hollow,.

Asc.

40.00 Set a quartzite stone, 16x9x4 ins., 11 ins. in the ground, for  
sec.cor.. mkd.  $\frac{1}{4}$  on W. face; from which

A red pine, 6 ins. dia., bears S. 5° E., 195 lks.  
dist.. mkd.  $\frac{1}{4}$  S 5 B T.

A red pine, 14 ins. dia., bears S. 10° W., 91  
lks. dist.. mkd.  $\frac{1}{4}$  S 6 B T.

40.50 Enter scattering timber, bears E. and W.

43.25 Top of spur, 250 ft. above hollow, bears E. and W.

Desc.

60.00 Creek, 5 lks. wide, 2 ins. deep, in bottom of canon, 350 ft.  
below spur, course NE.

Asc.

71.00 Top of spur, 300 ft. above canon, bears NE and SW.  
Leave timber, bears with spur.

Desc.

80.00 Set a sandstone, 18x9x7 ins., 12 ins. in the ground, for  
cor. of secs. 5, 6, 7, and 8, mkd. with 5 notches on S., and  
E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high,  
W. of cor.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pinon pine and cedar, and red pine.

Undergrowth, sage brush.

Good grass for grazing.

Mountainous land, 80.00 chs.

July 2, 1904.

## Subdivision of T.7 S..R 8.W -Continued

Chs.

July 3, 1904: At 7 h 2 m a.m., il.m.t., I set off  $39^{\circ} 54' N.$ , on the lat.arc;  $23^{\circ} 00' N.$ , on the decl.arc; and determine a mer. with the solar, at the cor.of secs. 5, 6, 7, and 8.  
Thence I run

$N.89^{\circ} 54'E.$ , on a random line bet.secs. 5 and 8.

40.00 Set temp.  $\frac{1}{2}$  sec.cor.

80.04 Intersect N. and S.line,, 14 lks.S. of the cor.of secs. 4, 5, 8, and 9.

Thence I run

$S.89^{\circ} 48' W.$ , on a true line bet.secs. 5 and 8.

Over mountainous land; through dense undergrowth.

Desc.

20.00 Bottom of hollow, 200 ft. below sec.cor., course  $N.60^{\circ}W.$

Leave undergrowth and enter heavy timber, bears with hollow.  
Asc.

31.00 Top of spur, 100 ft. above hollow, bears  $N.60^{\circ}W.$  and  $S.60^{\circ}E.$

Desc.

40.02 Set a limestone,  $25 \times 8 \times 3$  ins., 18 ins.in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd. $\frac{1}{2}$  on N. face; from which

A red pine, 6 ins.dia., bears  $N.10^{\circ}W.$ , 35 lks.

dist.. mkd. $\frac{1}{2}$  S 5 B.T.

An aspen, 12 ins.dia., bears  $S.5^{\circ}W.$ , 50 lks.

dist.. mkd. $\frac{1}{2}$  S 8.B.T.

41.00 Creek, 8 lks.wide, 6 ins.deep, in bottom of canon, 300 ft.  
below spur, course N.

Asc.

61.00 Top of ridge, 500 ft. above canon, bears N. and S.

Leave timber and enter dense undergrowth, bears N. and S.

Desc.

78.50 Bottom of canon, 500 ft. below ridge, course  $N.50^{\circ}E.$   
Asc.

80.04 The cor.of secs. 5, 6, 7, and 8.

Land, mountainous.

## Subdivision of T 7 S R 8 W -Continued

- Chs.      Soil, gravelly; 3rd rate.
- Timber, pine and aspen.
- Undergrowth, sage brush.
- Good grass for grazing.
- Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.04 chs.
- 
- S. 89° 54' W., on a random line bet. secs. 6 and 7.
- 40.00     Set temp.  $\frac{1}{4}$  sec. cor.
- 77.28     Intersect W. bdy. of Tp., 21 lks. N. of the cor. of secs. 1, 6, 7, and 12, heretofore described.
- Thence I run
- N. 89° 45' E., on a true line bet. secs. 6 and 7.
- Over mountainous land; through dense undergrowth.
- Desc.
- 10.00     Enter scattering timber, bears N. and S.
- 37.28     Set a sandstone, 18x9x4 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor. mkd.  $\frac{1}{4}$  on N. face; from which
- An aspen, 12 ins. dia., bears N. 30° E., 12 lks. dist.. rkd.  $\frac{1}{4}$  S 6 B T.
- An aspen, 12 ins. dia., bears S. 10° W., 30 lks. dist.. mkd.  $\frac{1}{4}$ . S 7 B T.
- 38.15     Bottom of canon, 1000 ft. below sec. cor., course N. 65° E.
- Creek, in bottom, 4 lks. wide, Ascend.
- 49.25     Top of spur, 100 ft. above canon, bears N. and S.
- There is a large spring 25 lks. N. of line.
- Desc.
- 53.30     Bottom of canon, 75 ft. below ridge, course N. 40° E.
- Asc.
- 69.15     Top of ridge, 600 ft. above canon, bears NE and SW.
- Leave timber, bears with ridge.
- Desc.

## Subdivision of T 7 S - R 8 W -Continued.

Chs. 77.28 The cor. of secs. 5, 6, 7, and 8.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pinon pine and red pine and aspen.  
 Undergrowth, sage, service berry, and deer brush, and aspen saplings.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 77.28 chs.

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S. 0° 3'E., bet. secs. 7 and 8.

Over mountainous land; through dense sage brush.

Desc.

- 10.00 Leave sage brush and enter dense aspen saplings, bears E. and W.
- 38.00 Bottom of hollow, 150 ft. below sec. cor., course N. 20° E.  
 Asc.
- 40.00 Set a limestone, 14x10x5 ins., 9 ins. in the ground, for  
 sec. cor., mkd.  $\frac{1}{2}$  on W. face; from which  
 An aspen, 4 ins. dia., bears S. 80° E., 50 lks.  
 dist... mkd.  $\frac{1}{2}$  S 8 B T.  
 An aspen, 4 ins. dia., bears N. 60° W., 20 lks.  
 dist..., mkd.  $\frac{1}{2}$  S 7 B T.
- 52.00 Leave aspen saplings, and enter service berry and deer brush, bears E. and W.
- 71.00 Enter scattering timber, bears NE and SW.
- 75.00 Top of ridge, 900 ft. above hollow, bears N. 30° E. and S. 30° W.  
 Leave timber, bears with ridge.
- Desc.
- 80.00 Set a sandstone, 18x10x8 ins., 12 ins. in the ground, for  
 cor. of secs. 7, 8, 17, and 18, mkd. with 4 notches on S. and 5

## Subdivision of T.7 S., R.8 W.-Continued.

Chs.

notches on edges; from which

An aspen 4 ins.dia., bears N.25° E., 69 lks.

dist..mkd.T 7 S R 8 W S 8 B T.

An aspen, 4 ins.dia., bears S.43° E., 21 lks.

dist..mkd.T 7 S R 8 W S 17 B T.

A red pine, 6 ins.dia., bears S. 35° W., 115 lks.

dist..mkd.T 7 S R 8 W S 18 B T.

A red pine, 12 ins.dia., bears N.65° W., 230 lks.

dist.,mkd.T 7 S R 8 W S 7 B T.

Land, mountainous .

Soil, gravelly; 3rd rate.

Timber, pine and aspen.

Undergrowth, sage , service berry , and deer brush, and aspen saplings.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

July 3, 1904: At this cor. I set off 22° 58' N., on the decl. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the meridian, the resulting lat. is 38° 53' N., which is the proper lat. nearly.

N.89° 48'E., on a random line bet.secs.8 and 17.

40.00 Set temp.  $\frac{1}{2}$  sec.cor.

80.22 Intersect N.and S.line, 19 lks.S. of the cor.of secs. 8, 9, 16, and 17,

Thence 1 run

S.89° 40' W., on a true line bet.secs.8 and 17.

Over mountainous land; through scattering undergrowth and heavy timber.

Desc.

4.00 Old road, bears N.20 W. and S.20° E.

## Subdivision of T. 7 S. R. 8 E.-Continued.

Chs.	
17.50	Bottom of hollow, 300 ft. below sec.cor., course N.30°W. Asc.
27.00	Top of ridge, 400 ft. above hollow, bears N. and S. Desc.
30.00	Leave heavy and enter scattering timber, bears N. and S.
40.11	Set a limestone, 18x16x3 ins., 12 ins. in the ground, for $\frac{1}{2}$ sec.cor.. mkd. $\frac{1}{2}$ on N. face; and raise a mound of stone, $\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
56.75	Bottom of canon, 600 ft. below ridge, course N. Asc.
80.22	The cor.of secs. 7, 8, 17, and 18. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth , service berry, buck, and deer brush. Good grass for grazing. Mountainous or heavily timbered land, 30.22 chs.
	S.89° 45'W., on a random line bet.secs. 7 and 18.
40.00	Set temp. $\frac{1}{2}$ sec.cor.
77.25	Intersect 2nd Guide Meridian West, 12 lks.N. of the cor. of secs. 7, 12, 13, and 18, heretofore described. Thence I run N.89° 40'E., on a true line bet.secs. 7 and 18. Over mountainous land; through scattering timber, and dense undergrowth.
	Asc.
7.00	Top of ridge, 100 ft. above sec.cor., bears N. and S. Enter heavy timber, bears with ridge. Desc.
27.75	Bottom of canon, 850 ft. below ridge, course N.3°E. Asc.

## Subdivision of T. 7 S., R. 8 W., -Continued.

Chs.	
37.25	Set a sandstone, 18x8x5 ins., 12 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{2}$ on N. face; from which A red pine, 18 ins. dia., bears N. $55^{\circ}$ W., 92 lks. dist.. mkd. $\frac{1}{2}$ S 7 B T. A red pine, 22 ins. dia., bears S. $60^{\circ}$ E., 200 lks. dist.. mkd. $\frac{1}{2}$ S 18 B T.
47.00	Top of spur, 500 ft. above canon, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E.
	Desc.
58.00	Bottom of hollow, 200 ft. below spur, course N. $20^{\circ}$ W.
	ASC.
65.00	Top of ridge, 300 ft. above hollow, bears N. $60^{\circ}$ E. and S. $60^{\circ}$ W.
	Desc.
66.00	Leave heavy and enter scattering timber, bears N. and S.
77.25	The cor. of secs. 7, 8, 17, and 18. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine, and red pine and aspen. Undergrowth, service berry, deer, and buck brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 77.25 chs.
	<hr/>
	Note : The line bet. secs. 17 and 18, will intersect the Reservation Boundary, therefore I run $3.0^{\circ} 3' E.$ , on a true line bet. secs. 17 and 18. Over mountainous land; through scattering timber and scattering undergrowth. Asc. along side of ridge.
39.00	Intersect South Boundary of the Uintah Indian Reservation.

## Subdivision of T 7 S., R. 8 W.-Continued.

Chs.

Set a sandstone, 22x12x5 ins., 16 ins. in the ground, for closing cor. of frac. secs. 17 and 18, mkd. C C U I R , with 2 grooves on N., 5 grooves on E., P L on S. faces; from which

A red pine, 18 ins. dia., bears N. 40° 30' E., 209 lks. dist.. mkd. T 7 S R 8 W S 17 B T.

An aspen, 8 ins. dia., bears N. 15° 30' W., 125 lks. dist.. mkd. T 7 S R 8 W S 18 B T.

From the closing cor. the  $\frac{1}{2}$  mile cor., bet. the 72nd and 73rd mile cors. on the bdy., as established by Deputies A. H. and F. M. Brown, bears as follows:

S. 67° 45' E., 6.76 chs.

N. 70° 30' E., 5.00 chs. to the  $\frac{1}{2}$  mile post, bet. the 72nd and 73rd mile cors.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine and aspen.

Undergrowth, sage, service berry, and deer brush.

Good grass for grazing.

Mountainous land, 59.00 chs.

July 3, 1904.

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#### GENERAL DESCRIPTION.

This fractional township is all mountainous, and the soil is generally gravelly; 3rd rate.

The township is covered with a heavy growth of pine and aspen timber.

There is an abundance of water for grazing purposes in all parts of the township.

The grass is exceptionally good in this township.

Service berry, deer, and buck brush, and aspen saplings cover most of the north slopes.

Subdivision of T. 7 S., R. 8 W.-Concluded.

There is no mineral in the township.  
There are no settlers in the township.

*Geo P. Stewart*  
U.S. Deputy Surveyor.

July 3, 1904.

**FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.****LIST OF NAMES.**

A list of the names of the individuals employed by \_\_\_\_\_

\_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_

showing the respective capacities in which they acted:

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

*For final affidavits see book "Y" T.5 S.R.12 W.* \_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Flagman.*

**FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted \_\_\_\_\_

\_\_\_\_\_, United States Deputy Surveyor, in surveying all those parts or portions of the \_\_\_\_\_

of the \_\_\_\_\_

meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for \_\_\_\_\_

\_\_\_\_\_, *Chainman.*

*For final affidavits see book "Y" T.5 S.R.12 W.* \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..... United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ..... bearing date of the ..... day of ..... 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ..... the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ..... of the

For final affidavit see book "Y" T.5 S.R.12 W.

meridian, in the ..... of ..... which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

*United States Deputy Surveyor*

Subscribed by said ..... and sworn to before me }  
this ..... day of ..... 190 }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah November 3, 190

The foregoing field notes of the survey of ..... the subdivisional lines of Township No. 7 South, Range No. 8 West of the Uintah Special Base and Meridian, Utah,

executed by ..... Scott P. Stewart and Clarence S. Jarvis  
their ..... under his contract No. 281 ..... dated July 22 ..... 190<sup>3</sup>, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward H. Anderson*  
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in ..... has been correctly copied from the original notes on file in this office.

*United States Surveyor General*

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*M. J.*9

BOOK A-520

FILED

JUN 10 1905

## CORRECTIVE FIELD NOTES

TO BOOK "J" ORIGINAL FIELD NOTES  
OF THE SURVEY OF THE

SUBDIVISION

of

Township No. 7 South Range No. 8 West

Of the ..... UNTAN SPECIAL BASE AND Meridian.

STATE OF UTAH.

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyors  
their  
~~under~~is Contract No. 261, dated July 22, 1903. *ZMK*Survey commenced May 25, 1905. *ZMK*Survey completed May 25, 1905. *ZMK*

## NAMES AND DUTIES OF ASSISTANTS.

John Kienke	Chairman
Archie Walton	Chairman
George E. Ekins	Moundmen
Juinby Stewart	Moundmen
John P. Kadsen	Axman
Richard Skousen	Axman
Wm. Burridge	Flagman

To preliminary officials to last I p 55 R8 W

BOOK A-320

## INDEX DIAGRAM.

*Township 7 South, Range 8 West*

6	5	4	3	2	1	1
				3	2	
7	8	9	10	3	11	2
			4			12
18	17	16	15	14		13
19	20	21	22	23		24
20	29	28	27	26		25
31	32	33	34	35		36

*Meanders Page*

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the ground upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we are measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey, \_\_\_\_\_, Chainman, \_\_\_\_\_, Chai.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 1900 } }



WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey, \_\_\_\_\_, Moundman, \_\_\_\_\_, Moun.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 1900 } }



WE, \_\_\_\_\_ and \_\_\_\_\_  
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey, \_\_\_\_\_, Axman, \_\_\_\_\_, A.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 1900 } }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_, \_\_\_\_\_, Fla.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 1900 } }



## Corrective Notes of

Subdivision of T.7 S., R.8 W.,

Survey commenced May 25, 1905, and executed with a Young and Sons light mountain transit No. 7381 with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs. The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on April 1, 1905.

At the cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp., latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 47' 23''$  W., I set off  $39^{\circ} 55' 01''$  N., on the lat. arc;  $20^{\circ} 55' 00''$  N., on the decl. arc; and at 7 h 22 m a.m.l.m.t., I determine a meridian with the solar. Note: For complete test of instrument see notes of W. bdy. T. 7 S., R. 7 W.

Thence I run

S.  $0^{\circ} 1' E.$ , bet. secs. 1 and 2.40.00 The  $\frac{1}{4}$  sec. cor. bet. secs. 1 and 2, on line.

The correct description of this cor. is as follows:

Set a sandstone, 18x8x5 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from whichA red pine, 30 ins. dia., bears S.  $61^{\circ} E.$ , 75 lks. dist.. mkd.  $\frac{1}{4}$  S 1 B T.A pinon pine, 6 ins. dia., bears N.  $87^{\circ} 30' W.$ , 35 lks. dist.. mkd.  $\frac{1}{4}$  S 2 B T.

79.70 Fall 10 lks. E. of the cor. of secs. 1, 2, 11, and 12.

I move the cor. 30 lks. S. and 10 lks. E. and

Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, mkd. with 5 notches on S. and 1 notch on E. edges; from which

A red pine, 5 ins. dia., bears N.  $60^{\circ} 30' E.$ , 50 lks. dist.. mkd. T 7 S R 8 W S 1 B T.A red pine, 6 ins. dia., bears S.  $20^{\circ} E.$ , 46 lks.

## Corrective Notes of

## Subdivision of T. 7 S., R. 8 W.-Continued

	Chs.	dist..mkd.T 7 S R 8 W S 12 B T. A red pine, 6 ins.dia., bears S. $36^{\circ} 35' W.$ , 60 lks.dist..mkd.T 7 C R 8 W S 11 B T. A red pine, 6 ins.dia., bears N. $44^{\circ} W.$ , 72 lks. dist..mkd.T 7 S R 8 W S 2 B T. No change in topography on this mile.
		N. $89^{\circ} 53' E.$ , on a random line bet.secs.1 and 12.
39.90	the $\frac{1}{2}$ sec.cor.bet.secs.1 and 12., on line.	
79.80	intersect East bdy.of Tp. 3 lks.N.or cor.secs.1,6,7, and 12., heretofore described.  Thence I run  S. $89.54' W.$ , on a true line bet.secs.1 and 12.	
39.90	the $\frac{1}{2}$ sec.cor.bet.secs.1 and 12., on line ,description same as in the original notes.Notes not changed.	
79.80	The cor.of secs.1,2,11, and 12.  Note:No change in topography on this mile.	
		S $90^{\circ} 1' E.$ ,bet.secs.11 and 12.
39.65	Fall 5 lks.West of $\frac{1}{2}$ sec.cor.bet.secs.11 and 12 I move the cor.5 lks.W.and 35 lks.S.and set a sandstone,16x14x4 ins.,11 ins.in the ground,for $\frac{1}{2}$ sec.cor.mkd. $\frac{1}{2}$ on W.face;from which  A red pine,5 ins.dia.,bears S. $56^{\circ} E.$ ,42 lks. dist..mkd. $\frac{1}{2}$ S 12 B T.  An aspen,8 ins.dia.,bears N. $58^{\circ} 30' W.$ ,56 lks. dist..mkd. $\frac{1}{2}$ S 11 B T.  Note:I destroy all traces of the old cor.	
52.60	Intersect South Boundary of the Uintah Indian Reservation 36 lks.S. $79^{\circ} 45' E.$ of the closing cor.of frac.secs.11 and	

## Corrective Notes of

## Subdivision of T.7 S., R.8 W. Continued.

Chs. 12. I destroy the old cor. and at my point of intersection Set a sandstone, 18x12x6 ins., 12 ins. in the ground, for closing cor. of frac. secs. 11 and 12 mkd. C C U I R with 2 grooves on N., 1 groove on E., and P.L on S. faces; from which

A red pine, 10 ins. dia., bears N.  $29^{\circ} 45' E.$ , 434 lks. dist.. mkd. T 7 S R 8 W S 12 B T.

A red pine, 7 ins. dia., bears N.  $12^{\circ} 15' W.$ , 402 lks. dist.. mkd. T 7 S R 8 W S 11 B T.

From the closing cor. the 68th mile cor. on the bdy., as established by Deputies A.H. and F.M. Brown bears as follows:

S.  $79^{\circ} 45' E.$ , 16.32 chs., to mile post No. 68.

Note: No change in topography on this mile.

May 25, 1905: At the noon hour the sky is overcast and solar observations are impossible.

From the cor. of secs. 2, 3, 10, and 11, heretofore described I run

N.  $89^{\circ} 50' E.$ , on a random line bet. secs. 2 and 11.

39.96 The  $\frac{1}{2}$  sec. cor. bet. secs. 2 and 11., on line.

79.92 Intersect N. and S. line, at the cor. of secs. 1, 2, 11, and 12. Thence I run

S.  $89^{\circ} 50' W.$ , on a true line bet. secs. 2 and 11.

39.96 The  $\frac{1}{2}$  sec. cor. bet. secs. 2 and 11.

79.92 The cor. of secs. 2, 3, 10, and 11.

Note: There is no change in topography on this line.

S.  $0^{\circ} 1' E.$ , on a true line bet. secs. 10 and 11.

40.00 The  $\frac{1}{2}$  sec. cor. bet. secs. 10 and 11, on line.

## Corrective Notes of

Subdivision of T.7 S. R.8 W. Continued.

Chs. The corrected description of this cor. is as follows:

Same stone, from which

A red pine, 14 ins. dia., bears S. 66° 30' E., 27  
lks. dist.. mkd.  $\frac{1}{4}$  S 11 B T.A red pine, 11 ins. dia., bears S. 76° 45' W., 45  
lks. dist.. mkd.  $\frac{1}{4}$  S 10 B T.75.00 Intersect South Boundary of Uintah Indian Reservation,  
at the closing cor. of frac. secs. 10 and 11,

The corrected description of this cor. is as follows:

Same stone, from which

A red pine, 12 ins. dia., bears N. 37° E., 486  
lks. dist.. mkd. T 7 S R 8 W S 11 B T.A red pine, 14 ins. dia., bears N. 54° W., 220 lks.  
dist.. mkd. T 7 S R 8 W S 10 B T.

Note: No change in topography in this line.

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Note: In re-visiting the corners in this township some corners were found to be described incorrectly; the correct descriptions to these corners follow:

For the closing cor. of frac. secs. 10 and 15.

Same stone, from which

A spruce, 10 ins. dia., bears N. 4° E., 118 lks.  
dist.. mkd. T 7 S R 8 W S 10 B T.A red pine, 16 ins. dia., bears S. 82° 30' W., 393  
lks. dist.. mkd. T 7 S R 8 W S 15 B T.

---

For  $\frac{1}{4}$  sec. cor. bet. secs. 10 and 15.

Same stone, from which

A red pine, 24 ins. dia., bears N. 10° 30' W., 189  
lks. dist.. mkd.  $\frac{1}{4}$  S 10 B T.

A red pine, 8 ins. dia., bears S. 20° W., 165 lks.

## Corrective Notes of

Subdivision of T 7 S .R 8 W -Continued

Chs.

dist..mkd. $\frac{1}{4}$  S 15 B T.

---

For the cor.of secs.10 and 15,

same stone,from which

A red pine,8 ins.dia.,bears N.75° E.,48 lks.

dist..mkd.T 7 S R 8 W S 10 B T.

A red pine,6 ins.dia.,bears S.20° E.,59 lks.

dist..mkd.T 7 S R 8 W S 15 B T.

---

For the closing cor.of fracsecs.9 and 16.

Same stone,from which

A red pine,4 ins.dia.,bears N.36° 30' E.,108  
lks.dist..mkd.T 7 S R 8 W S 9 B T.

An aspen,5 ins.dia.,bears S.60° 30' W.,130  
lks.dist..mkd.T 7 S R 8 W S 16 B T.

---

For the  $\frac{1}{4}$  sec.cor.betsecs.9 and 16.

Same tree cor.,from which

An aspen,8 ins.dia.,bears N.4° W.,49 lks.  
dist..mkd. $\frac{1}{4}$  S 9 B T.

A red pine,6 ins.dia.,bears S.77° W.,87 lks.  
dist..mkd. $\frac{1}{4}$  S 16 B T.

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May 25,1905.

*Scott R Stewart*

U.S. Deputy Surveyor.

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## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by .....  
 ..... United States Deputy Surveyor, to assist in running, measuring, and  
 marking the lines and corners described in the foregoing field notes of the survey of .....  
 following the respective capacities in which they acted:

....., Chainman.

....., Chainman.

*Fuscial affidavits see book 22, pp 55, R 12 D*, Moundman.

....., Moundman.

....., Axeman.

....., Axeman.

....., Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....  
 ..... United States Deputy Surveyor, in surveying all  
 those parts or portions of the .....  
 ..... of the .....  
 ..... meridian, ..... of ..... which are represented  
 the foregoing field notes as having been surveyed by him and under his direction; and that said survey  
 is been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the  
 corner monuments established, according to the instructions furnished by the United States Surveyor  
 General for .....

....., Chainman.

....., Chainman.

*Fuscial affidavits see book 22, pp 55, R 12 D*, Moundman.

....., Moundman.

....., Axeman.

....., Axeman.

....., Flagman.

Subscribed and sworn to before me this .....  
 day of ..... 190 }  
 {

F.G.C. Apr 20

## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor \_\_\_\_\_, solemnly swear that, in pursuance of a contract received from United States Surveyor General for \_\_\_\_\_, bearing date of \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_.

*To final affidavits see book 22, Sp. 55, Rec'd Cr*  
of the  
meridian, in the \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_, and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey.

United States Deputy Surveyor \_\_\_\_\_

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_ }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Salt Lake City, July 29, 1903,*  
*Corrected* The foregoing field notes of the survey of *The subdivisions of Spanish Fork*,  
*South Range & West of the Eleventh Principal Meridian, Utah*

executed by *Scott Pleasant* as Clarence J. Jarvis,  
 under ~~his~~ contract No. *207*, dated *July 29*, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward H. Anderson*  
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_ has been correctly copied from the original notes on file in this office.

United States Surveyor General

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FILED

JUN 10 1968

FIELD NOTES

**NAMES AND DUTIES OF ASSISTANTS.**

John Kienke Chainman

Archie Walton Chainman

George W. Ekins Moundman

Quimby Stewart Moundman

John P. Madsen Axman

Richard Skausen Axman

Wm. Burridge Flagman

*For preliminary affidavits see book 3 Jl. 55 R&W*

BOOK A-320

## INDEX DIAGRAM.

Township 7 South, Range 7 West

4	5	6	3	4	2	3		2	1	1
7		6								
8	8	8		9		10		11		12
18		17		16		15		14		13
29		28		21		22		28		24
30		29		28		27		26		25
31		32		33		34		35		36

Meanders Page.....

## PRELIMINARY OATHS OF ASSISTANTS.

WE, ..... and .....  
 do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of ..... , Chain, ..... , Chain, .....

Subscribed and sworn to before me this ..... }  
 day of ..... , 190 }



WE, ..... and .....  
 do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of ..... , Mound, ..... , Mound, .....

Subscribed and sworn to before me this ..... }  
 day of ..... , 190 }



WE, ..... and .....  
 do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of ..... , Ax, ..... , Ax, .....

Subscribed and sworn to before me this ..... }  
 day of ..... , 190 }



I, ..... , do solemnly swear that I will well and faithfully perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of ..... , Flag, ..... , Flag, .....

Subscribed and sworn to before me this ..... }  
 day of ..... , 190 }



## Corrective Notes of

## Subdivision of T.7 S., R.7 W.-Continued.

- Chs. Survey commenced May 24, 1905, and executed with a Young and Sons, light mountain transit, No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs. The instrument was examined, tested on the meridian, at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on April 1, 1905.
- At the cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp., heretofore described, latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 40' 07''$  W., I set off  $39^{\circ} 55' 01''$  N., on the lat. arc;  $20^{\circ} 44' 00''$  N., on the decl. arc; and determine a meridian with the solar, (at 7 h C m a.m., l.m.t.)
- Note: For complete test of instrument see notes of West boundary of Tp.
- Note: On account of discrepancies in the North boundary of the township and in the South Boundary of the Uintah Indian Reservation in this township I destroy all the old corners in the subdivision of this township and proceed to resurvey the township as follows:
- From the cor. of secs. 1, 2, 35, and 36, on N. bdy. of Tp., heretofore described.
- I run (Knowing that this line will intersect Reservation bdy S.  $0^{\circ} 1' E.$ , on a true line bet. secs. 1 and 2.
- Over mountainous land; through heavy timber.
- Desc.
- 1.25 Bottom of hollow, 10 ft. below sec. cor., course N.  $30^{\circ}$  E.
- Asc.
- 40.00 Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which
- A red pine, 6 ins. dia., bears N.  $69^{\circ}$  E., 48 lks.  
dist.. mkd.  $\frac{1}{2}$  S 1 B T.
- A red pine, 12 ins. dia., bears N.  $45^{\circ}$  W., 28 lks.  
dist.. mkd.  $\frac{1}{2}$  S 2 B T.

## Corrective Notes of

Subdivision of T. 7 S., R. 7 W. -Continued

Chs.

41.12 Intersect South Boundary of the Uintah Indian Reservation,  
Set a sandstone, 18x9x5 ins., 12 ins. in the ground, for  
closing cor. of frac. secs. 1 and 2, mkd. C.C.U I R with 1  
groove on N., 1 groove on E. and P.L. on S. faces; from which

A red pine, 36 ins. dia., bears N. 36° E., 58 lks.  
dist. mkd. T 7 S R 7 W S 1 B T.

A red pine, 16 ins. dia., bears N. 65° W., 157 lks.  
dist. mkd. T 7 S R 7 W S 2 B T.

From the closing cor. the 61st. mile cor. on the bdy.,  
as established by Deputies A.H. and F.L. Brown bears as  
follows:

S. 70° 30' W., 12.02 chs., to mile stone No. 61.  
Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, pinon pine and red pine.

Good grass for grazing.

Mountainous or heavily timbered land, 41:12 chs.

From the cor. of secs. 3, 4, 33, and 34, on N. bdy. of Tp.,  
heretofore described.

Note: The line bet. secs. 3 and 4 will intersect the  
Reservation boundary, therefore I run

S. 0° 2' E., on a true line bet. secs. 3 and 4.

Over mountainous land; through dense undergrowth.  
Desc.

6.00 Leave undergrowth and enter heavy aspen timber, bears  
NW and SE.

11.00 Bottom of canon, 300 ft. below sec. cor., course NW.  
Asc.

11.50 Leave aspen and enter pine timber, bears NW and SE.  
40.00 Point 800 ft. above canon.

## Corrective Notes of

Subdivision of T 7 S R 7 W -Continued

- Chs. Set a limestone, 16x14x3 ins., 11 ins. in the ground, for  
 $\frac{1}{4}$  sec.cor..mkd. $\frac{1}{4}$  on W.face; from which  
 A red pine, 6 ins dia., bears N.89° 30' E., 80 lks. dist..mkd. $\frac{1}{4}$  S 3 B T.  
 A red pine, 13 ins dia., bears S.73° 30' W., 71 lks. dist..mkd. $\frac{1}{4}$  S 4 B T.
- 56.60 Top of divide ridge bet.left hand fork of Indian Canon, and Argyle Canon, 1000 ft. above hollow, bears N.80° W. and S.80° 80° E.  
 Desc.
- 58.35 Intersect South Boundary of the Uintah Indian Reservation. Set a limestone, 20x6x5 ins., 15 ins. in the ground, for closing cor.of frac.secs.3 and 4, mkd.C C U I R , with 1 grooves on N., 3 grooves on E. and P L on S.faces; from which  
 A red pine, 10 ins.dia., bears N.5° E., 20 lks. dist..mkd.T 7 S R 7 W S 3 B T.  
 A red pine, 5 ins.dia., bears N.20° W., 18 lks. dist..mkd.T 7 S R 7 W S 4 B T.  
 From the closing cor.  $\frac{1}{2}$  mile cor.bet. 63rd&64th mile cors. as established by Deputies A.H. and F.M. Brown, bears as follows: S.83° 45' E., 2.22 chs. to angle cor.  
 N.77° 15' E., 16.56 chs. to  $\frac{1}{2}$  mile cor.bet. 63rd and 64th mile cors.  
 Land, mountainous.  
 Soil, gravelly loam; 2nd rate.  
 Timber, aspen and pine.  
 Undergrowth, sage, deer, buck, and service berry brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered with dense undergrowth, 58.35 chs.  
 From the cor.of secs.4,5,32, and 33, on N.bdy.of Tp., heretofore described.  
 Note: The line bet.secs.4 and 5 will intersect the Reser-

## Corrective Notes of

## Subdivision of T. 7 S. R. 7 W. Continued

- Chs. vation boundary.  
Therefore I run  
S. 0° 3' W., on a true line bet. secs. 4 and 5.  
Over mountainous land; through scattering timber and  
scattering undergrowth,  
Desc.  
1.25 Bottom of hollow, 10 ft. below sec. cor., course W. 02° 00'.  
Acc.  
10.25 Top of spur, 100 ft. above hollow, bears NW and SE.  
Enter heavy timber, bears with spur.  
Desc.  
17.50 Bottom of hollow, 50 ft. below spur, course N. 20° W.  
Acc.  
40.00 Set a sandstone, 16x8x4 ins., 11 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which  
A red pine, 5 ins. dia., bears N. 66° E., 29 lks.  
dist.. mkd.  $\frac{1}{4}$  S. 4 B. T.  
A red pine, 4 ins. dia., bears S. 29° W., 13 lks.  
dist.. mkd.  $\frac{1}{4}$  S. 5 B. T.  
50.00 Top of ridge, 800 ft. above hollow, bears N. 40° W. and S. 40° E.  
Continue Ascent.  
69.85 Intersect South Boundary of the Uintah Indian Reservation.  
Set a sandstone, 22x10x4 ins., 16 ins. in the ground, for  
closing cor. of frac. secs. 4 and 5, mkd. with C C U I R with  
1 groove on N., 4 grooves on E. and P. L on S. faces; This cor  
is identical with angle cor. of Reservation bdy.; from which  
A red pine, 10 ins. dia., bears N. 37° 30' E., 75  
lks. dist.. mkd. T. 7 S. R. 7 W. S. 4 B. T.  
A red pine, 10 ins. dia., bears N. 30° W., 193  
lks. dist.. mkd. T. 7 S. R. 7 W. S. 5 B. T.  
From the closing cor. the 65th mile cor. on the bdy. as  
established by Deputies H. H. and F. M. Brown, bears as  
follows:  
S. 48° 45' W., 16.79 chs. to mile post #. 66.  
I destroy the old closing corner.  
Land mountainous.

## Corrective Notes of

Subdivision of T. 7 S., R. 7 W. - Continued

- Chs. 80.00 Set a sandstone, 20x20x6 ins., 15 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, mkd. with 5 notches on S. and 5 notches on E. edges; from which
- A red pine, 12 ins. dia., bears N. 29° E., 26 lks. dist., mkd. T 7 S R 7 W S 5 B T.
- A red pine, 12 ins. dia., bears S. 19° 30' E., 131 lks. dist., mkd. T 7 S R 7 W S 8 B T.
- A red pine, 6 ins. dia., bears S. 15° 55' W., 157 lks. dist., mkd. T 7 S R 7 W S 7 B T.
- A red pine, 14 ins. dia., bears N. 17° 35' W., 67 lks. dist., mkd. T 7 S R 7 W S 6 B T.
- Land, mountainous and level.
- Soil, gravelly loam; 2nd rate
- Timber, pine and aspen.
- Undergrowth, sage, deer, and service berry brush.
- Good grass for grazing.
- Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

Note: The line bet. secs. 5 and 8 will intersect the Reservation boundary,

Therefore run

N. 89° 59' E., on a true line bet. secs. 5 and 8.

Over mountainous land; through heavy timber.

Asc.

7.50 Top of ridge, 150 ft. above sec. cor., bears N. 15° W. and S. 15° E.

Desc.

22.00 Bottom of hollow, 500 ft. below ridge, course N. 10° E.

Asc.

34.00 Top of ridge, 500 ft. above hollow, bears N. 10° W. and S. 10° E.

## Corrective Notes of

## Subdivision of T. 7 S., R. 7 E., Continued

Chs.	Soil, gravelly loam; 2nd rate. Timber, pine and aspen. Undergrowth, deer brush and service berry brush. Good grass for grazing. Mountainous or heavily timbered land, 69.85 chs.
	May 24, 1905: At this cor. I set off 20° 45' N., on the decl. arc; and at 0 h. 4 m. p.m., l.m.t., I observe the sun on the meridian, the resulting lat. is 39° 54' N., which is the proper lat. nearly.
	From the cor. of secs. 5, 6, 31, and 32, on N. bdy. of Tp., heretofore described.
	I run S. 0° 3' E., bet. secs. 5 and 6. Over mountainous land; through dense undergrowth.
	Desc.
2.50	Foot of descent, 20 ft. below sec. cor., bears N. 60° E. and S. 60° W.
	Enter bottom of left hand fork of Indian Canon.
8.80	Road from Colton to claterite mine, bears N. 65° E. and S. 45° W.
12.00	Creek, 5 lks. wide, 3 ins. deep, course N.E.
13.00	Leave canon bottom, bears N.E. and S.W.
	Enter heavy timber, bears NE and SW.
	Asc.
40.00	Set a limestone, 22x14x4 ins., 16 ins. in the ground, for sec. cor., mkd. $\frac{1}{4}$ on W. face; from which An aspen, 6 ins. dia., bears S. 65° 25' E., 82 lks. dist.. mkd. $\frac{1}{2}$ S 5 B T.
	An aspen, 6 ins. dia. m bears N. 28° 35' W., 128 lks. dist.. mkd. $\frac{1}{2}$ S 6 B T.
60.00	Top of spur, 800 ft. above canon, bears N. 20° W. and S. 20° E.
	Desc.

## Corrective Notes of

## Subdivision of T.7 S., R.7 W.-Continued.

Chs.	Desc.
40.00	A red pine, 6 ins. dia., for $\frac{1}{4}$ sec.cor., I mark $\frac{1}{4}$ S 5 on N. side, 8 on S. side, from which A red pine, 4 ins. dia., bears N. 1° E., 18 lks. dist.. mkd. $\frac{1}{4}$ S 5 B T. A red pine, 8 ins. dia., bears S. 1° W., 20 lks. dist.. mkd. $\frac{1}{4}$ S 8 B T.
41.50	Bottom of hollow, 400 ft. below ridge, course N. Asc.
68.60	Intersect South boundary of the Uintah Indian Reservation. Set a sandstone, 22x10x4 ins., 16 ins. in the ground, for closing cor. of frac. secs. 5 and 8. mkd. C C U I R with 2 grooves on W., 1 groove on N., and P L on S. faces; from which A red pine, 5 ins. dia., bears N. 14° E., 117 lks. dist.. mkd. T 7 C R 7 W S 5 B T. A red pine, 4 ins. dia., bears S. 70° W., 102 lks. dist.. mkd. T 7 S R 7 W S 8 B T. From the closing cor. the 65th mile cor. on the bdy., as established by Deputies A H and F.M. Brown, bears as follows: S. 48° 45' W., 1.39 chs., to mile post No. 65. I destroy the old closing corner. Land, mountainous. Soil, gravelly loam; 2nd rate. Timber, pine. Good grass for grazing. Mountainous or heavily timbered land, 68.60 chs.
40.00	S. 89° 59' W., on a random line bet. secs. 6 and 7. Set temp. $\frac{1}{4}$ sec.cor.
77.01	Intersect W. bdy. of Tp., 23 lks. S. of the cor. of secs. 1, 6, 7, and 12.

## Corrective Notes of

## Subdivision of T.7 S., R.7 W.-Continued.

Chs.	Thence I run S.89° 51'E., on a true line bet. secs. 6 and 7. Over mountainous land; through scattering timber. Desc.
12.00	Bottom of hollow, 600 ft. below sec.cor., course N.6° E. Asc.
24.50	Top of ridge, 500 ft. above hollow, bears N.15° E. and S.15° W. Desc.
33.75	Bottom of hollow, 500 ft. below ridge, course N.15° E. Enter heavy timber, bears with hollow. ASC.
37.01	Set a sandstone, 18x9x5 ins., 1z ins. in the ground, for $\frac{1}{4}$ sec.cor., mkd. $\frac{1}{4}$ on N. face; from which A red pine, 8 ins. dia., bears N.51° W., 25 lks. dist., mkd. $\frac{1}{4}$ S 6 B T. An aspen, 5 ins. dia., bears S.27° 15'E., 58 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
46.00	Top of ridge, 300 ft. above hollow, bears N.15° E. and S.15° W. Desc.
53.74	Bottom of hollow, 400 ft. below ridge, course N.15° E. Asc.
77.01	The cor. of secs. 5, 6, 7, and 8. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 77.01 chs.

Note: The line bet. secs. 7 and 8 will intersect the Reservation boundary,  
Therefore I run

## Corrective Notes of

Subdivision of T 7 S R 7 W -Continued

- Chs. S. O. 3' E., on a true line bet. secs. 7 and 8.  
 Over mountainous land; through heavy timber and dense undergrowth.  
 Asc. along side of ridge.
- 26.20 Intersect South Boundary of the Uintah Indian Reservation  
 Set a sandstone, 16x8x4 ins., 11 ins. in the ground, for closing cor. of frac. secs. 7 and 8, mkd. C C UIR, with 2 grooves on N. and 5 grooves on E. and P. L. on S. faces; from which  
 A red pine, 13 ins. dia., bears N. 3° E., 131 lks. dist.. mkd. T 7 S R 7 W S 8 B T.  
 A red pine, 7 ins. dia., bears N. 72° W., 46 lks. dist.. mkd. T 7 S R 7 W S 7 B T.  
 From the closing cor. the 66th mile cor. or the bdy., as established by Deputies A.H. and F.M. Brown, bears as follows:  
 N. 48° 15' E., 448 lks. to mile post No. 66.  
 I destroy the old closing corner.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pine.  
 Undergrowth, sage deer, and service berry brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered with dense undergrowth, 26.20 chs.

May 24, 1905.

## GENERAL DESCRIPTION.

This frac. township is high and somewhat rolling. The soil is generally gravelly loam; 2nd rate. There is a small creek, about 5 lks. wide, 2 ins. deep, in the bottom of the left hand fork of Indian Canon. The township is well timbered, producing red pine, aspen and pinon pine.

## Corrective Notes of

Subdivision of T. 7 S., R. 7 W.-Concluded

There is considerable service berry, deer brush, and sage brush in the township.

There are no settlers in the township.

There is no mineral in the township.

There is an abundance of excellent grass all over the township.



U.S. Deputy Surveyor.

May 24, 1905.

**Volume**

#

**R0320**

**FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.****LIST OF NAMES.**

A list of the names of the individuals employed by \_\_\_\_\_

..... United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_  
showing the respective capacities in which they acted:

....., *Chairman.*

....., *Chairman.*

....., *Moundman.*

*To final affidavits see book 23, pg 55 P.R. W. Moundman.*

....., *Arman.*

....., *Arman.*

....., *Flagman.*

**FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted \_\_\_\_\_

..... United States Deputy Surveyor, in surveying all

those parts or portions of the \_\_\_\_\_

..... of the \_\_\_\_\_

..... meridian, ..... of ..... which are represented

in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor

General for

....., *Chairman.*

....., *Chairman.*

....., *Moundman.*

*To final affidavits see book 23, pg 55 P.R. W. Moundman.*

....., *Arman.*

....., *Arman.*

....., *Flagman.*

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }

COONOG  
COONALO  
COONOG

## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, United States Surveyor General for \_\_\_\_\_, bearing date of \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

*For final affidavits see back 22. Pg 5-5 P. 12 W*

of the

\_\_\_\_\_ meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

United States Deputy Surveyor

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_  
}



## APPROVAL.

## OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Scott P. Stewart, dated July 29, 1905.*  
*corrected* The foregoing field notes of the survey of *The subdivisions of Township*  
*5 North Range 12 West of the First Principal Meridian, Box*  
*4, Meeker Co., Colo.*

executed by *Scott P. Stewart and Lawrence J. Jarvis*  
under his contract No. *281*, dated *July 29, 1905*, having  
critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

*Edward F. Audenshaw*  
United States Surveyor Gen.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

United States Surveyor Gen

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4-679.

BOOK A-320

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219  
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# FIELD NOTES

OF THE SURVEY OF THE

W.H.

WEST AND SOUTH BOUNDARIES

OF

Township No. 5 South, Range No. 9 West

Of the Uintah Special Base and Meridian,  
Utah.

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyors,  
their  
Under his Contract No. 281, dated July 22, 1903.

Survey commenced July 5, 1904.

Survey completed July 8, 1904.

6-151

48° 18' E. 6° 20' N.  
S. 5° E. 5° 10' N.  
D. 20' S. 15' N.  
E. 15' S. 15' N.

## **NAMES AND DUTIES OF ASSISTANTS.**

Andrew T. Rasmussen

Chairman.

Donald Forsyth

## Chairman.

William A. Bowles

Moundman.

Burton W. Musser

Moundman.

George M. Cannon Jr.

Axiān •

John G. Smith

Axman

Frank S. Harris

### Flagian.

For preliminary affidavits see book "B" T.5 S.R.9 W.

STOK A-320

## INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

*Meanders Page* \_\_\_\_\_

## PRELIMINARY OATHS OF ASSISTANTS.

We, ..... and ..... do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the ground and lay even ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist or witness, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chainma

, Chainma

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



We, ..... and ..... do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Moundm

, Moundm

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



We, ..... and ..... do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn and other duties, according to instructions given us, to the best of our skill and ability, in the survey

, Axme

, Axme

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



I, ..... do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey

, Flagme

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



West boundary of T.5 S., R.9 W.

Survey commence July 5, 1904, and executed with a Young and Sons, light mountain transit, No. 7581, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on August 21 1903.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a mer. established by obsn. on Pol., I proceed as follows: At the standard cor of Tps. 4 S., Rs. 9 and 10 W., latitude  $40^{\circ}05'28''$  N., longitude  $111^{\circ}00'00''$  W., I set off  $40^{\circ}05'N.$ , on the lat.arc;  $22^{\circ}47'N.$ , on the decl.arc; and at 5 h 2 m p.m., l.m.t., I determine a mer. with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

July 5, 1904.

July 6, 1904: At 0 h 33.6 m a.m., l.m.t., I obs. Pol. at eastern elong. in accordance with the Manual, and mark a point in the line thus determined, on a peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Pol.  $1^{\circ}34.4'$  to the west, and mark the mer. thus determined, by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.3 ins. east of the mark determined with the solar.

At 7 h 2 m a.m., l.m.t., I set off  $40^{\circ}05'N.$ , on the lat.arc;

West boundary of T 5 S R 9 W -Continued  
Chs. ✓  
22° 44' N., on the decl. arc; and mark the mer. determined  
with the solar, by a cross on the stone already set 5.00  
chs. N. of the cor.; this mark falls 0.38 ins. east of the  
mer. established by obsn. on Pol.  
The solar apparatus by p.m. and a.m. observations defines  
positions for meridians respectively about, 0° 16" west  
and 0° 20" east of the mer. established by Pol obsn.; there-  
fore I conclude that the adjstments of the instrument  
are satisfactory.  
The magnetic bearing of the meridian at 7 h 30 m a.m.,  
is N. 16° 45' W.; the angle thus determined gives the mag.  
decl. 16° 45' E.

Note: The Special Instructions provide for the survey of  
T. 7 S., R. 9 W., before this township is surveyed, but the  
Special Instructions indicate that T. 6 S., R. 9 W. will be  
fractional. However T. 6 S. R. 9 W. is a full township and  
I conclude to survey it in the manner directed for this  
township, which will necessitate the survey of T. 7 S., R.  
9 W., after T. 6 S., R. 9 W.

Therefore from the standard cor. of Tps. 4 S., Rs. 9 and 10  
W., which is a sandstone, 6x12x5 ins., above ground, firmly  
set, and mkd. and witnessed as described by Deputies H.D.  
Page and B.S. Kershaw, Contract No. 279.

I run

East, along 1st Standard Parallel South 21.77 chs., where  
I set a sandstone, 20x14x8 ins., 15 ins. in the ground, for  
closing cor. of Tps. 5 S., Rs. 9 and 10 W., mkd. C C 5 S. on S.,  
9 W. on E., 10 W. on W., with 6 grooves on E., S., and W. faces;  
from which

A red pine, 20 ins. dia., bears S. 57° E., 300 lks.  
dist.. mkd. T 5 S R 9 W S 6 B T.

## West boundary of T. 5 S., R. 9 W.-Continued.

Chs.	No other trees within limits; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.
	Thence I run
	South, bet. secs. 1 and 6.
	Over mountainous land; through sage brush.
	Desc.
5.00	Leave sage brush and enter heavy pine and aspen timber, bears E. and W.
10.00	Head of swale, 200 ft. below Tp. cor., course S. $85^{\circ}$ E. Leave timber and enter dense sage brush and service berry brush, bears with swale.
	Asc.
23.00	Top of spur, 200 ft. above swale, bears N. $80^{\circ}$ W. and S. $80^{\circ}$ E.
	Desc.
30.00	Leave undergrowth and enter heavy timber, bears E. and W.
40.00	Set a sandstone, 16x12x5 ins., 11 ins. in the ground, for $\frac{1}{2}$ sec. cor.. mkd. $\frac{1}{2}$ on W. face; from which A red pine, 12 ins. dia., bears N. $69^{\circ} 30' E.$ , 180 lks. dist.. mkd. $\frac{1}{2}$ S 6 B T. A red pine, 5 ins. dia., bears S. $43^{\circ} W.$ , 85 lks. dist.. mkd. $\frac{1}{2}$ S 1 B T.
51.00	Bottom of canon, 1800 ft. below sec. cor., course NE. Asc.
60.00	Leave green timber and enter standing and fallen dead timber, bears NE and SW.
80.00	Point 1200 ft. above canon. Set a sandstone, 16x10x8 ins., 11 ins. in the ground, for cor. or secs. 1, 6, 7, and 12, mkd. with 1 notch on N. and 5 notches on S. edges; dig pits, 18x18x12 ins., in each sec.; $5\frac{1}{2}$ ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor. Land, mountainous. Soil, gravelly; 3rd rate. Undergrowth, sage brush and service berry brush. Good grass for grazing.

## West boundary of T. 5 S., R. 9 W.-Continued.

- Chs. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
- 
- South, bet. secs. 7 and 12.  
Over mountainous land; through standing and fallen dead timber.
- Asc.
- 3.50 Top of ridge, 100 ft. above cor., bears NE and S.  
Thence ascend along top of ridge.
- 4.00 Leave dead timber, bears E. and W.
- 6.00 Enter scattering pine timber, bears NW and SE.
- 20.00 Enter heavy pine timber, bears E. and W.
- 30.00 Leave heavy timber and enter standing dead timber, bears E. and W.
- 40.00 Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 46.00 Leave top of ridge, 800 ft. above sec. cor., bears N. and S.  
20° W.
- Desc.
- 46.50 Leave dead timber and enter dense sage brush and choke cherry undergrowth, bears E. and W.
- 79.00 Leave undergrowth and enter heavy aspen timber, bears E. and W.
- 80.00 Set a sandstone, 15x9x6 ins., 10 ins. in the ground, for cor. or secs. 7, 12, 13, and 18, mkd. with 2 notches on N. and 4 notches on S. edges; from which  
  
An aspen, 10 ins. dia., bears N. 52° E., 35 lks.  
dist. mkd. T 5 S R 9 W S 7 B T.  
  
An aspen, 9 ins. dia., bears S. 29° E., 48 lks.  
dist. mkd. T 5 S R 9 W S 18 B T.  
  
An aspen, 4 ins. dia., bears S. 61° W., 48 lks.  
dist. mkd. T 5 S R 10 W S 13 B T.

West boundary of T. 5 S., R. 9 W. Continued.

Chs.	An aspen, 7 ins. dia., bears N. 47° W., 32 lks. dist.. mkd.T 5 S R. 10 W. S 12 B. T. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, sage brush, choke cherry, and service berry. Good grass for grazing. Mountainous or heavily timbered land; or land covered with dense undergrowth; 80.00 chs.
	South,bet.secs.15 and 18. Over mountainous land; through heavy timber. Desc.
15.00	Bottom of hollow, 400 ft. below sec.cor., course S. 80° E. Asc.
20.00	Top of spur, 200 ft. above hollow, bears E. and W. Desc.
30.50	Head of swale, 200 ft. below spur, course E. Asc.
37.00	Top of ridge, 300 ft. above swale, bears E. and W. Leave timber, bears E. and W. Desc.
40.00	Set a sandstone, 14x12x9 ins., 9 ins. in the ground, for $\frac{1}{2}$ sec.cor.. mkd. $\frac{1}{2}$ on W. face; from which A red pine, 10 ins. dia., bears N. 55° E., 65 lks. dist.. mkd. $\frac{1}{2}$ S 18 B T. A red pine, 18 ins. dia., bears S. 35° W., 70 lks. dist.. mkd. $\frac{1}{2}$ S 13 B T.
55.00	Bottom of canon, 1000 ft. below ridge, course E. Enter heavy timber, bears E. and W. Asc.
77.00	Top of ridge, 1000 ft. above canon, bears N. 80° E. and S. 80° W. Desc.
80.00	Set a sandstone, 18x10x10 ins., 12 ins. in the ground, for

West boundary of T 5 S R 9 W -Continued

Chs. cor. of secs. 13, 18, 19, and 24, mkd. with 3 notches on N., and S. edges; from which

A red pine, 10 ins. dia., bears N. 9° E., 60 lks.  
dist.. mkd. T 5 S R 9 W S 18 B T.

A red pine, 30 ins. dia., bears S. 29° E., 230 lks.  
dist.., mkd. T 5 S R 9 W S 19 B T.

A red pine, 10 ins. dia., bears S. 79° W., 240 lks.  
dist.. mkd. T 5 S R 10 W S 24 B T.

A red pine, 12 ins. dia., bears N. 27° W., 80 lks.  
dist.. mkd. T 5 S R 10 W S 13 B T.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine and aspen.

Good grass for grazing.

Mountainous or heavily timbered land, 80.00 chs.

July 6, 1904: At this cor. I set off 22° 42' N., on the decl. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is 40° 03' N., which is the proper lat. nearly.

South, bet. secs. 19 and 24.

Over mountainous land; through dense undergrowth and scattering timber.

Desc.

- |       |  |
|-------|--|
| 12.00 | Leave timber, bears E. and W.  |
| 23.00 | Enter dense aspen saplings, bears NW and SE.   |
| 28.00 | Leave aspen saplings, bears NW and SE.   |
| 40.00 | Set a sandstone, 18x14x4 ins., 12 ins. in the ground, for<br>sec. cor.. mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone,<br>2 ft. base, $\frac{1}{2}$ ft. high, W. of cor. |
| 44.00 | Enter dense aspen saplings, bears E. and W.  |
| 49.00 | Leave aspen saplings, bears NW and SE.   |
| 62.00 | Creek, 1 lk. wide, 1 in. deep, in bottom of hollow, 1000 ft.   |

West boundary of T. 5 S. R. 9 W. -Continued

- Chs. below ridge, course S. 60° E.
- Asc.
- 76.00 Leave timber, bears E. and W.
- 77.00 Top of ridge, 500 ft. above canon, bears E. and W.
- Desc.
- 80.00 Set a sandstone, 14x14x4 ins., 9 ins. in the ground; for cor. of secs. 19, 24, 25, and 30, mks. with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
- Land, mountainous.
- Soil, gravelly; 3rd rate.
- Timber, pine and aspen.
- Undergrowth, choke cherry, service berry, aspen saplings, and sage brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth, 80.00 chs.
- 
- South bet. secs. 25 and 30.
- Over mountainous land; through scattering undergrowth
- Desc.
- 4.00 Enter heavy aspen timber, bears E. and W.
- 7.00 Bottom of hollow, 100 ft. below sec. cor., course E.
- Asc.
- 17.00 Leave timber and enter dense service berry and sage brush, bears E. and W.
- 21.00 Top of ridge, 200 ft. above hollow, bears E. and W.
- Desc.
- 36.50 Creek, 10 lks. wide, 5 ins. deep, in bottom of canon, 800 ft. below ridge, course E.
- Asc.
- 38.00 Ledge, 20 ft. high, bears E. and W. Thence over flat top ridge.
- Leave undergrowth and enter heavy timber, bears E. and W.

## West boundary of T. 5 S., R. 9 W.-Continued.

Chs.

40.00 Set a shalestone, 15x10x3 ins. 10 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor. mkd.  $\frac{1}{2}$  on W. face; from which

An aspen, 3 ins. dia., bears N. 35° E., 35 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 30 B T.

An aspen, 3 ins. dia., bears N. 70° W., 20 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 25 B T.

45.00 Leave ridge, bears N. 60° E. and S. 60° W.

Desc.

45.25 Leave aspen timber, bears N. 60° E. and S. 60° W.

52.00 Creek, 8 lks. wide,  $\frac{1}{2}$  ind. deep, in bottom of Timber Canon,  
 600 ft. below ridge, course N. 60° E.

Asc. abruptly.

57.00 Top of abrupt ascent, bears E. and W.

Asc. gradually.

80.00 Point 800 ft. above canon, set

Set a sandstone, 16x9x8 ins., 11 ins. in the ground, for  
 cor. or secs. 25, 30, 31, and 36, mkd. with 5 notches on N. and  
 1 notch on S. edges; from which

An aspen, 4 ins. dia., bears N. 44° E., 310 lks.  
 dist.. mkd. T 5 S R 9 W S 30 B T.

An aspen, 5 ins. dia., bears S. 83° 30° E., 330 lks.  
 dist.. mkd. T 5 S R 9 W S 31 B T.

A red pine, 26 ins. dia., bears S. 64° W., 240 lks.  
 dist.. mkd. T 5 S R 10 W S 36 B T.

A red pine, 5 ins. dia., bears N. 69° W., 110 lks.  
 dist.. mkd. T 5 S R 10 W S 25 B T.

Land, mountainous.

Soil, gravelly;  $\frac{1}{2}$  rd. rate.

Timber, pine and aspen.

Undergrowth, service berry and sage brush.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with  
 dense undergrowth, 80.00 chs.

West boundary of T. 5 S., R. 9 W. -Continued.

Chs.

South, bet. secs. 51 and 36.

Over mountainous land; through scattering timber.

Asc.

5.00 Top of ridge, 100 ft. above sec. cor., bears NE. and SW.

Thence continue ascent along side of ridge.

17.00 Enter fallen dead timber, bears NE and SW.

40.00 Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which

A spruce, 6 ins. dia., bears S.  $60^{\circ}$  E., 220 lks.

dist.. mkd.  $\frac{1}{2}$  S 31 B T.

No other tree within limits; dig pits, 18x18x12 ins. N. and  
S. of stone, 3 ft. dist.; and raise a mound of earth,  $5\frac{1}{2}$  ft.  
base,  $1\frac{1}{2}$  ft. high, W. of cor.

41.00 Leave dead timber, bears E. and W.

50.00 Enter fallen dead timber, bears E. and W.

53.00 Head of hollow, 400 ft. above ridge, course N.  $30^{\circ}$  W.

Asc.

64.00 Leave dead timber, bears E. and W.

76.00 Old road on top of divide ridge bet. Timber Canon and  
west fork of Avintaquin Canon, 400 ft. above hollow, bears  
N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W.

Desc.

80.00 Set a sandstone, 20x10x6 ins., 15 ins. in the ground, for  
cor. or Tps. 5 and 6 S. Rs. 9 and 10 W., mkd. with 6 notches  
on each edge; from which

A balsam, 28 ins. dia., bears N.  $40^{\circ}$  E., 52 lks.

dist.. mkd. T. 5 S R 9 W S 31 B T.

An aspen, 4 ins. dia., bears S.  $33^{\circ}$  E., 49 lks.

dist.. mkd. T 6 S R 9 W S 6 B T.

A balsam, 8 ins. dia., bears S.  $82^{\circ}$  W., 192 lks.

dist.. mkd. T 6 S R 10 W S 1 B T.

A balsam, 7 ins. dia., bears N.  $55^{\circ}$  W., 110 lks.

dist.. mkd. T 5 S R 10 W S 36 B-T.

*Second  
notes for*

West boundary of T.5 S., R.9 W.-Concluded.

Chs.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine and aspen.

Good grass for grazing.

Mountainous or heavily timbered land, 80.00 chs.

July 6, 1904.

South boundary of T.5 S., R.9 W.

July 7, 1904: At 7 h 2 m a.m., l.m.t., I set off  $40^{\circ}00'N.$ , on the lat. arc;  $22^{\circ}38'N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. of Tps. 5 and 6 S., Rs. 8 and 9 W., heretofore described.

Thence I run

West, on a random line along S. bdy. T.5 S., R.9 W., setting temp.  $\pm$  sec. and sec. cors. at intervals of 40.00 chs., and at 477.00 chs., intersect W. bdy. or Tp., 28 lks. N. of the cor. of Tps. 5 and 6 S., Rs. 9 and 10 W., the falling answers to a correction of 5 lks. or  $2'N.$  per mile counting from the cor. of Tp., 5 and 6 S., Rs. 9 and 10. W.

July 7, 1904: At this cor. I set off  $22^{\circ}35'N.$ , on the decl. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is  $40^{\circ}00'N.$ , which is the proper lat. nearly.

Thence I run

South boundary of T.5 S., R.9 W.-Continued.

- Chs. N.  $89^{\circ} 58' E.$ , on true line bet. secs. 6 and 31.  
Over mountainous land; through heavy timber.  
Desc.  
12.00 Leave heavy and enter scattering timber, bears N. and S.  
28.00 Enter heavy aspen timber, bears N. and S.  
30.00 Head or hollow, 870 ft. below Tp., cor, course S.  $60^{\circ} E.$   
Asc.  
31.00 A sheep corral bears S. 200 lks. dist. There are 4 other corrals joining this on the west and extending in a line west.  
34.00 Top of spur, 50 ft. above hollow, bears N.  $50^{\circ} W.$  and S.  
Desc.  
37.00 Set a sandstone, 16x10x8 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\pm$  on N. face; from which  
An aspen, 8 ins. dia., bears N.  $28^{\circ} E.$ , 18 lks. dist.. mkd.  $\mp$  S 31 B T.  
An aspen, 12 ins. dia., bears S  $43^{\circ} W.$ , 22 lks. dist.. mkd.  $\mp$  S 6 B T.  
37.50 Bottom of hollow, 100 ft. below spur, course S.  $20^{\circ} E.$   
Asc.  
39.00 Leave timber, bears N. and S.  
47.00 Top of spur, 400 ft. above hollow bears N.  $20^{\circ} W.$  and S.  $20^{\circ} E.$   
Des.  
71.00 Bottom of hollow, 350 ft. below ridge, course S.  $30^{\circ} E.$   
Asc.  
77.00 Set a sandstone, 20x10x8 ins., 15 ins. in the ground, for cor. or secs., 5, 6, 31, and 32, mkd. with 5 notches on E. and 1 notch on W. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, aspen and pine.  
Good grass for grazing.

## South boundary of T.5.S., R.9 W.-Continued.

Chs.	Mountainous or heavily timbered land, 77.00 chs.
	N.89° 58' E., on a true line bet. secs. 5 and 32.
	Over mountainous land; through dense undergrowth.
	Asc.
7.00	Top of spur, 50 ft. above sec. cor., bears N.10° W. and S.10° E.
	Desc.
17.00	Bottom of hollow, 180 ft. below spur, course S.
	Asc.
25.00	Top of broad ridge, 200 ft. above hollow, bears N.20° W. and S.20° E.
	Desc.
29.00	Leave undergrowth and enter heavy aspen timber, bears N. and S.
32.25	Leave timber and enter dense choke cherry and sage brush, bears N. and S.
40.00	Set a sandstone, 20x8x6 ins., 115 ins. in the ground, for sec. cor. mka. $\frac{1}{2}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
43.00	Begin more abrupt descent, bears N.20° W. and S.20° E.
50.50	Creek, 1 lk. wide, 1 $\frac{1}{2}$ deep, in bottom of hollow, 700 ft. below ridge, course S.20° E.
	Asc. abruptly.
56.00	Top of steep ascent, 675 ft. above canon, bears N.40° W. and S.40° E.
	Enter scattering pinon pine and cedar timber, bears N.40° W. and S.40° E.
	Asc. gradually.
70.00	Leave timber, bears N. and S..
80.00	Set a sandstone, 18x12x4 ins., 12 ins. in the ground for cor. of secs. 4, 5, 32 and 33, mka. with 4 notches on E. and

South boundary of T.5 S., R.9 W.-Continued.

Chs.

2 notches on W.edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, aspen, pinon pine, and cedar.

Undergrowth, sage, choke cherry, and deer brush.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

July 7, 1904.

July 8, 1904: At 7 h. 2 m.a.m., l.m.t., I set off  $40^{\circ} 00' N.$ , on the lat. arc;  $22^{\circ} 31' N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. or secs. 4, 5, 32, and 33.

Thence I run

N.  $89^{\circ} 59' E.$ , on a true line bet. secs. 4 and 33.

Over mountainous land; through dense undergrowth.

Asc.

6.00 Top of ridge, 40 ft. above sec. cor., bears NW and S E.

Desc.

40.00 Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for a sec. cor., mkd.  $\pm$  on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

42.00 Bottom of hollow, 800 ft. below ridge, course S.  $20^{\circ}$  E.

Asc.

62.00 Top of ridge, 600 ft. above hollow, bears N. and S.

Desc.

72.00 Bottom of hollow, 200 ft. below ridge, course SE.

Enter scattering timber, bears with hollow.

Asc

78.00 Top of spur, 200 ft. above hollow, bears N. and S.

Desc.

## South boundary of T. 5 S . R. 9 W -Continued .

Chs.

80.00 Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, mkd. with 3 notches on E., and W. edges; from which

An oak, 3 ins. dia., bears N. 37° E., 130 lks.

dist.. mkd. T 5 S R 9 W S 34 B T.

A cedar, 8 ins. dia., bears S. 9° E., 140 lks.

dist.. mkd. T 6 S R 9 W S 3 B T.

A cedar, 20 ins. dia., bears S. 73° 30' W., 60 lks.

dist.. mkd. T 6 S R 9 W S 4 B T.

A pinon pine, 24 ins. dia. bears N. 46° 45' W., 330

lks. dist.., mkd. T 5 S. R 9 W S 33 B T.

Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pinon pine and cedar.

Undergrowth, sage and service berry and oak brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth.

80.00 chs.

N. 89° 58' E., on a true line bet. secs. 3 and 34.

Over mountainous land; through scattering timber and dense undergrowth.

Desc.

2.00 Leave timber, bears N. and S.

8.00 Bottom of hollow, 300 ft. below sec. cor., course S. 20° E.

Asc.

22.00 Top of ridge, 350 ft. above hollow, bears N. 20° W. and S. 20° E.

Enter scattering timber.

Desc.

37.00 Bottom of hollow, 250 ft. below ridge, course S. 20° E.

Asc.

40.00 Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for

rector  
page 2

South boundary of T. 5 S .R 9 W -Continued.

- Chs.  $\frac{1}{4}$  sec.cor..mkd.~~z~~ on N.face; from which  
       A pinon pine, 8 ins.dia., bears N.20°W., 300 lks.  
       dist..mkd. $\frac{1}{2}$  S 34 B T.  
       A pinon pine, 8 ins.dia., bears S.40°E., 200 lks.  
       dist..mkd. $\frac{1}{2}$  S 3 B T.
- 50.00 Top of ridge, 250 ft.above hollow,bears N.20°W.and S.20°E.  
       Desc.
- 63.00 Bottom of hollow, 510~~f~~<sup>ft</sup> below ridge, course S.20°E.  
       Asc.
- 73.00 Top of ridge, 300 ft.above hollow,bears N.and S.  
       Desc.
- 80.00 Set a sandstone, 20x9x4 ins., 15 ins.in the ground, for  
       cor.of secs.2,3,34, and 35,mkd.with 2 notches on E.and 4  
       notches on W.edges; and raise a mound of stone, 2 ft.base,  
       1 $\frac{1}{2}$  ft.high,W.of cor.  
       Land,mountainous.  
       Soil,gravelly;3rd.rate.  
       Timber,pinon pine and cedar.  
       Undergrowth,oak,service berry and sage brush.  
       Good grass for grazing.  
       Mountainous land,or land covered with dense undergrowth,  
       80.00 chs.
- July 8,1904:At the noon hour the sky is overcast and  
       solar observationsare impossible.
- 
- N .89° 58'E.,on a true line betsecs.2 and 35.  
       Over mountainous land;through dense undergrowth and  
       scattering timber.  
       Desc.
- 5.50 Head of hollow, 60 ft.below sec.cor.,course SE.  
       Asc.
- 10.50 Top of spur, 100 ft.above hollow,bears N.20°W.and S.20°E.  
       Desc.

## South boundary of T 5 S .R 9 W -Continued.

Chs.	
23.00	Bottom of hollow, 140 ft. below ridge; bourse S.20° E. Asc.
33.00	Top of spur, 100 ft. above hollow, bears N. and S. Desc.
38.50	Head of hollow, 100 ft. below spur, course S. Asc.
40.00	Set a limestone, 18x12x4 ins., 12. ins. in the ground, for $\frac{1}{4}$ sec.cor.. mkd. $\frac{1}{4}$ on N. face; from which A pinon pine, 24 ins. dia., bears N.63°W., 82 lks. dist.. mkd. $\frac{1}{4}$ S 35 B T. A pinon pine, 14, ins. dia., bears S.50°E., 52 lks. dist.. mkd. $\frac{1}{4}$ S, 2 B T.
55.00	Top of ridge, 150 ft. above hollow, bears N.60°W. and S.60°E. Desc.
80.00	Set a limestone, 16x10x4 ins., 11 ins. in the ground, for cor.of secs.1,2,35, and 36, mkd. with 1 notch on E. and 5 notches on W.edges; from which A cedar, 8 ins. dia., bears N.74°E., 480 lks. dist.. mkd. T 6 S R 9 W S 36 B T. A cedar, 6 ins. dia., bears S.63°15'E., 402 lks. dist.. mkd. T 6 S R 9 W S 1 B T. A pinon pine, 18 ins. dia., bears S.79°30'W., 400 lks. dist.. mkd. T 6 S R 9 W S 2 B T. A cedar, 5 ins. dia., bears N.84°45'W., 441 lks. dist.. mkd. T 5 S R 9 W S 35 B T.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pinon pine and cedar.
	Undergrowth, sage, buck, service berry, and oak brush.
	Good grass for grazing.
80.00	Mountainous land, or land covered with dense undergrowth, 80.00 chs.

## South boundary of T.5 S., R.9 W.-Continued.

- Chs. N. 89° 58' E., on a true line bet. secs. 1 and 36.  
Over mountainous land; through scattering timber.  
Desc.  
11.00 Creek, 1 lk. wide, 1 in. deep, in bottom of canon, 500 ft. below sec. cor., course SE for 100 lks. thence S. 85° E.  
Asc. along side of canon.  
20.00 Enter a series of ledges, from 10 to 30 ft. high, bears NW and SE.  
40.00 Set a sandstone, 18x8x8 ins., 12 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
A pinon pine, 16 ins. dia., bears N. 25° W., 108 lks. dist.. mkd.  $\frac{1}{2}$  S 36 B T.  
A cottonwood, 12 ins. dia., bears S. 24° 30' E., 330 lks. dist.. mkd.  $\frac{1}{2}$  S 1 B T.  
75.00 Top of ridge, 400 ft. above canon, bears NW and S. 80° E.  
Leave ledges, bears NW and S 80° E.  
Desc. through scattering undergrowth.  
80.00 The cor. of Tps. 5 and 6 S., Rs. 8 and 9 W.,  
Land, mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, pinon pine and cedar.  
Undergrowth, sage, service berry, and oak brush.  
Good grass for grazing.  
Mountainous land, 80.00 chs.

See con-  
onto page

July 8, 1904.

South boundary of T.5 S., R.9 W. Concluded.

Boundaries of T.5 S., R.9 W.

Latitudes, departures, and closing errors.

Line	designated	Course	Distanc e ch.s.	Latitudes		Departures	
				N. ch.s.	S. ch.s.	E. ch.s.	W. ch.s.
W.bdy.T.5 S., R.9 W.		North	480.00	480.00			
1st Standard Par.S		East	477.59			477.59	/
E.bdy.T.5 S., R.9 W.		South	480.00		480.00		
S.bdy.T.5 S., R.9 W.		S.89° 58' W	477.00		.28		477.00
Convergency						.61	
Totals				480.00	480.28	478.20	477.00
Error in lat.					480.00	477.00	
Error in dep.					.28		1.20

#### GENERAL DESCRIPTION.

This township is mountainous. Well timbered and well watered. It should be subdivided.

*Scott P. Stewart*  
U.S. Deputy Surveyor

July 8, 1904.

**FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.****LIST OF NAMES.**

A list of the names of the individuals employed by \_\_\_\_\_

\_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_

showing the respective capacities in which they acted:

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Moundman.*

**For final affidavits see book "U" T.5 S.R.10 W.** \_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Flagman.*

**FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted \_\_\_\_\_

\_\_\_\_\_, United States Deputy Surveyor, in surveying all

those parts or portions of the \_\_\_\_\_

\_\_\_\_\_ of the \_\_\_\_\_

meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for \_\_\_\_\_

\_\_\_\_\_, *Chainman.*

**For final affidavits see book "U" T.5 S.R.10 W.** \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I ..... United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from ..... United States Surveyor General for ..... bearing date of the ..... day of ..... 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ..... the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of .....

For final affidavit see book "U" T.5 S.R.10 W.

..... of the ..... meridian, in the ..... of ..... which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

*United States Deputy Surveyor.*

Subscribed by said ..... and sworn to before me }  
this ..... day of ..... 190 }

oooooo  
o SEAL o  
oooooo

## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, November 3, 1904.

The foregoing field notes of the survey of ..... west and south boundaries of Township No.5 South, Range No.9 West of the Uintah Special Base and Meridian, Utah,

executed by ..... Scott P. Stewart and Clarence S. Jarvis  
under his contract No. 281, dated July 22, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward H. Wade, Jr.*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in ..... has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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24  
245

4-679.

10

FILED

JUN 10 1905

BOOK A-320

CORRECTIVE FIELD NOTES

OF THE SURVEY OF THE

WEST AND SOUTH BOUNDARIES

of

Township No. 5 South, Range No. 9 West

Volume

#

R0320

Of the UNTAH SPECIAL BASE AND Meridian,

STATE OF UATH

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyor,  
their  
under ~~his~~ Contract No. 281, dated July 22, 1905. ~~126x~~

Survey commenced May 26, 1905. ~~126x~~

Survey completed May 26, 1905. ~~126x~~

## NAMES AND DUTIES OF ASSISTANTS.

John Kienke	Chainman
Archie Walton	Chainmen
George W. Ekins	Moundman
Quinby Stewart	Moundman
John P. Madsen	Axman
Richard Skousen	Axman
Wm. Burridge	Flagman

*In preliminary affidavit see last p. 2 of 18578 Dr.*

BOOK A-320

## INDEX DIAGRAM.

Township 5 South, Range 9 West

5	6	7	8	9	10	11
15	16	17	18	19	20	21
19	20	21	22	23	24	25
20	21	22	23	24	25	26
21	22	23	24	25	26	27
			2	2	2	3

Meanders Page.....

## PRELIMINARY OATHS OF ASSISTANTS.

WE, ..... and .....

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of .....

, Chainm.

, Chainm.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



WE, ..... and .....

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of .....

, Moundm.

, Moundm.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



WE, ..... and .....

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of .....

, Axm.

, Axm.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



I, ....., do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of .....

, Flagm.

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
.....



## Corrective Notes of

West boundary of T.5 S., R.9 W.

Chs. Survey commenced May 26, 1905, and executed with a Young and Sons light mountain transit, No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs. The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on April 1, 1905. At the cor. of Tps. 5 and 6 S., Rs. 9 and 10 W., latitude  $40^{\circ} 00' 15''$  N., longitude  $110^{\circ} 59' 47''$  W., I set off  $40^{\circ} 00' 00''$  N., on the lat. arc;  $21^{\circ} 06' 00''$  N., on the decl. arc; and at 10 h 3 m am. l.m.t., I determine a meridian with the solar. Note: For complete test of instrument see notes of W.bdy. T.7 S., R.7 W.

Note: In visiting the corners on this bdy. some of the bearing and distances to trees were found to be inaccurate; The correct descriptions follow:

For the cor. of Tps. 5 and 6 S., Rs. 9 and 10 W.,  
Same stone, from which

A balsam, 28 ins. dia., bears N.  $41^{\circ}$  E., 65 lks.  
dist. . mkd. T 5 S R 9 W S 31 B T.

An aspen, 4 ins. dia., bears S.  $33^{\circ}$  E., 49 lks.  
dist. . mkd. T 6 S R 9 W S 6 B T.

A balsam, 8 ins. dia., bears S.  $83^{\circ}$  W., 195 lks.  
dist. . mkd. T 6 S R 10 W S 1 B T.

A balsam, 7 ins. dia., bears N.  $55^{\circ} 30'$  W., 132  
lks. dist. . mkd. T 5 S R 10 W S 36 B T.

For the  $\frac{1}{4}$  sec. cor. bet. secs. 25 and 30. (W.bdy. T.5 S., R.9 W.)  
Same stone, from which

## Corrective Notes of

West boundary of T. 5 S., R. 9 W. [Continued]

Chs.

An aspen, 3 ins. dia., bears N. 47° 30' E., 22 lks.

dist.. mkd.  $\frac{1}{4}$  S 30 B T.

An aspen, 3 ins. dia., bears N. 62° 15' W., 22 lks.

dist.. mkd.  $\frac{1}{4}$  S 25 B T.

---

South Boundary of T. 5 S., R. 9 W.

Note: In visiting the corners on this bdy. some of the bearings and distances to trees were found to be inaccurate; the correct descriptions follow:

For the cor. of secs. 3, 4, 33, and 34.

Same stone from which

An oak, .3. ins. dia., bears N. 37° E., 133 lks.

dist.. mkd. T 5 S R 9 W S 34 B T.

A cedar, 8 ins. dia., bears S. 9° E., 168 lks.

dist.. mkd. T 6 S R 9 W S 3 B T.

A cedar, 20 ins. dia., bears S. 72° 30' W., 76 lks.

dist.. mkd. T 6 S R 9 W S 4 B T.

A pinon pine, 24 ins. dia., bears N. 46° 45' W., 345

lks. dist.. mkd. T 5 S R 9 W S 33 B T.

---

For  $\frac{1}{4}$  sec. cor. bet. secs. 2 and 35.

Same stone, from which

A pinon pine, 14 ins. dia., bears N. 62° 15' W., 97  
lks. dist.. mkd.  $\frac{1}{4}$  S 35 B T.A pinon pine, 14 ins. dia., bears S. 50° E., 49  
lks. dist.. mkd.  $\frac{1}{4}$  S 2 B T.

---

For the cor. of secs. 1, 2, 35, and 36,

Same stone, from which

## Corrective Notes of

South Boundary of T.5 S., R.9 W.-Continued.

Chs.

A cedar, 8 ins.dia., bears N.74° E., 556 lks.

dist..mkd.T 5 S R 9 W S 36 B T.

A cedar, 6 ins.dia., bears S.63° E., 440 lks.

dist..mkd.T 6 S R 9 W S 1 B T.

A pinon pine, 18 ins.dia., bears S.79° 30' W., 409  
lks.dist..mkd.T 6 S R 9 W S 2 B T.

A cedar, 5 ins.dia., bears N.84° 45' W., 433 lks.

dist..mkd.T 5 S R 9 W S 35 B T.

---

For the  $\frac{1}{4}$  sec.cor.betsecs.1 and 36 .

Same stone, from which

A pinon pine, 20 ins.dia., bears N.25° W., 139  
lks.dist..mkd. $\frac{1}{4}$  S 36 B T.A cottonwood, 12 ins.dia., bears S.24° 30' E.,  
304 lks.dist..mkd. $\frac{1}{4}$  S 1 B T.

May 26, 1905.



U. Deputy Surveyor.



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## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by \_\_\_\_\_  
 \_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and  
 marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_  
 showing the respective capacities in which they acted:

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

*In facia affidariis see book 19. F. S. R. I. O. T.* \_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted \_\_\_\_\_  
 \_\_\_\_\_, United States Deputy Surveyor, in surveying all  
 those parts or portions of the \_\_\_\_\_  
 \_\_\_\_\_ of the \_\_\_\_\_  
 \_\_\_\_\_ meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented  
 the foregoing field notes as having been surveyed by him and under his direction; and that said survey  
 is been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the  
 corner monuments established, according to the instructions furnished by the United States Surveyor  
 general for \_\_\_\_\_

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Moundman.

*In facia affidariis see book 19. F. S. R. I. O. T.* \_\_\_\_\_, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
 day of \_\_\_\_\_, 190\_\_\_\_\_ }



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ....., United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from United States Surveyor General for ....., bearing date of ..... day of ..... , 190 , I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ....., the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of .....

*Supervision of the survey of the 5th Range, Township 5, South of the Meridian of the State of Pennsylvania*

..... of the ..... meridian, in the ..... of ..... which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

*United States Deputy Surveyor*

Subscribed by said ..... , and sworn to before me }  
this ..... day of ..... , 190 }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Valley Park, July 29, 1903.*  
*executed*  
The foregoing field notes of the survey of *the West & South Boundary lines*  
*of Township 5, South Range of West of the United*  
*Special District, Danville, Pa.*

executed by *Scott P. Stewart Esq. Clarence J. Jarvis*  
under his contract No. 281, dated *July 29*, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

*Edward H. Alderson*  
United States Surveyor G.

I certify that the foregoing transcript of the field notes of the above-described surveys in ..... has been correctly copied from the original notes on file in this office.

*United States Surveyor General*

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BOOK A-320

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SEP 17 1904

SEE BOOK II CORRECTIVE FIELD NOTES

## FIELD NOTES

OF THE SURVEY OF THE

W.W.

SUBDIVISION

OF

Township No. 5 South, Range No. 9 West

Of the Uintah Special Base and Meridian,  
 Utah,

## AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyor's,  
 their  
 Under his Contract No. 281, dated July 22, 1903.  
 Survey commenced July 9, 1904.  
 Survey completed July 20, 1904.

High 59 68 5.5 ✓  
 City 1 15. 31 ✓

**NAMES AND DUTIES OF ASSISTANTS.**

Andrew T. Rasmussen Chainman.

Donald Forsyth Chainman.

William A. Bowles Moundman.

Burton W. Musser Moundman.

George M. Cannon Jr. Axman.

John G. Smith Axman.

Frank S. Harris Flagman.

For preliminary affidavits see book "C" T. 5 S.R.8 W.  
2

BOOK A-320

## INDEX DIAGRAM.

*Township* ..... *Range* .....

6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	32	33
34	35	36	37	38	39	40

*Meanders Page*.....

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey o

-----, Chainman

-----, Chainman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey o

-----, Moundman

-----, Moundman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



WE, \_\_\_\_\_ and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corner and other duties, according to instructions given us, to the best of our skill and ability, in the survey o

-----, Axman

-----, Axman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of \_\_\_\_\_

-----, Flagman

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## Subdivision of T 5 S. R 9 W

Survey commence July 9, 1904, and executed with a Young and Sons light mountain transit No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the mer. at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on August 21, 1903.

I. examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a mer. established by obsn. on Pol., I proceed as follows:

At the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Tps., latitude  $40^{\circ}00'15''$  N., longitude  $110^{\circ}54'10''$  W., I set off  $40^{\circ}00'$  N., on the lat. arc;  $22^{\circ}20'$  N., on the decl. arc; and at 5 h 2 m a.m., l.m.t., I determine a meridian with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

July 9, 1904.

---

July 10, 1904: At 00 h 14 m a.m., l.m.t., I obs. Pol. at eastern elong. in accordance with the Manual, and mark a point in the line thus determined, on a peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Pol.  $1^{\circ}34.4'$  to the west, and mark the mer. thus determined by cutting a small groove in the stone already set 5.00 N. of the cor.; this mark falls 34 ins. east of the mark determined with the solar.

At 7 h 0 m a.m., l.m.t., I set off  $40^{\circ}00'$  N., on the lat. arc;

## Subdivision of T 5 S .R.9 W -Continued.

Chs. 22° 17' N., on the decl. arc; and mark the mer. determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls 0.45 ins. east of the mer. established by obsn. on Pol. The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about 0° 18" west and 0° 23" east of the mer. established by Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the mer. at 7 h 2 m a.m., is N. 16° 43' W., the angle thus determined, gives the mag. decl. 16° 43' E.

From the cor. of secs., 1, 2, 35, and 36, on S. bdy. of Tp., here tofore described.

I run

N. 0° 1' W., bet. secs. 35 and 36.

Over mountainous land; through scattering timber and dense undergrowth.

Desc.

13.00 Creek, 2 lks. wide, 1 ins. deep, in bottom of hollow, 100 ft. below sec. cor., course SE.

asc.

13.50 Leave timber, bears NW and SE.

Sc. 00 Top of ridge, 500 ft. above hollow, bears NW and SE.

Enter heavy timber, bears with ridge.

esc.

40.00 Set a sandstone, 20x12x3 ins., 15 lbs. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which

a pinon pine, 20 ins. dia. bears N. 88° E., 275 lks. dist., mkd.  $\frac{1}{2}$  S 36 B T.

a pinon pine, 12 ins. dia., bears W., 20 lks. dist., mkd.  $\frac{1}{2}$  S 35 B T.

marked  
1/17/03

## BOOK A-320

Subdivision of T. 5 S., R. 9 W. Continued.

Chs.

46.00 Bottom of hollow, 125 ft. below ridge, course S. 75° E.

Asc.

58.00 Top of ridge, 200 ft. above hollow, bears NW. and SE.

Desc.

79.00 Creek, 2 lks. wide, 1 in. deep, in bottom of hollow, 75 ft. below ridge, course S. 15° E.

Asc.

80.00 Set a sandstone, 16x10x 4 ins., 11 ins. in the ground, for cor. or secs. 25, 26, 35, and 36, mkd. with 1 notch on S., and E. edges; from which

A cedar, 10 ins. dia., bears N. 26° E., 78 lks.

dist.. mkd. T 5 S R 9 W S 25 B T.

A pinon pine, 20 ins. dia., bears S. 6° E., 140 lks. dist.. mkd. T 5 S R 9 W S 36 B T.

A cedar, 6 ins. dia., bears S. 36° W., 98 lks.

dist.. mkd. T 5 S R 9 W S 35 B T.

A pinon pine, 20 ins. dia., bears N. 34° 30' W., 202 lks. dist.. mkd. T 5 S R 9 W S 26 B T.

Land, mountainous.

Soil, gravelly and white clay; 3rd rate.

Timber, cedar and pinon pine.

Undergrowth, service berry, sage, and buck brush.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

*See connector  
Wyo Gap*

N. 89° 58' E., on a random line bet. secs. 25 and 36.

40.00 Set temp.  $\pm$  sec. cor.

80.02 Intersect 2nd Guide Mer. West, 14 lks. S. of the cor. of secs. 25, 30, 31, and 36, heretofore described.

Thence I run

S. 89° 52' W., on a true line bet. secs. 25 and 36.

Over mountainous land; through heavy timber.

## Subdivision of T.5 S., R.9 W.-Continued.

Chs.	Desc.
3.00	Bottom or hollow 50 ft. below sec.cor., course S.50° E. ASC.
20.00	Top of spur, 160 ft. above hollow, bears N.30° W. and S.30° E. DESC.
31.00	Creek, 1 lk. wide, 2 ins. deep, in bottom of hollow, 130 ft below spur, course S.30° E. ASC.
40.01	Set a sandstone, 15x12x4 ins., 10 ins. in the ground, for sec.cor.. mkd. $\frac{1}{4}$ on N. face; from which A pinon pine, 3 ins. dia., bears N.30° E., 70 lks. dist.. mkd. $\frac{1}{4}$ S 25 B T. A pinon pine, 10 ins. dia., bears S., 15 lks. dist.. mkd. $\frac{1}{4}$ S 36 B T.
54.00	Top of spur, 100 ft. above hollow, bears N. and S. DESC.
60.00	Bottom or hollow, 60 ft. below ridge, course S.30° E. ASC.
62.00	Top of spur, 40 ft. above hollow, bears N.30° W. and S.30° E. DESC.
70.00	Bottom of hollow, 50 ft. below spur, course S.20° E. ASC.
73.00	Top of spur, 80 ft. above hollow, bears N. and S. DESC. through scattering undergrowth.
80.02	The cor or secs. 25, 26, 35, and 36. Land, mountainous. Soil, gravelly and white clay; 3rd rate. Timber, pinon pine and cedar. Undergrowth, sage brush. Good grass for grazing. Mountainous or heavily timbered land, 80.02 chs.
	N.C <sup>o</sup> l'W., bet. secs. 25 and 26.

connection  
to page 2

## Subdivision of T.5 S. R.9 W.-Continued.

- Chs. Over mountainous land; through heavy timber.  
Asc.along side or ridge.
- 40.00 Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for  
a sec.cor.. mkd.  $\frac{1}{4}$  on W.face; from which  
A pinon pine, 10 ins. dia., bears N.60° E., 30 lks.  
dist.. mkd.  $\frac{1}{4}$  S. 25 B T.  
A pinon pine, 8 ins. dia., bears S.65° W., 60 lks.  
dist.. mkd.  $\frac{1}{4}$  S 26 B T. *See connected  
page 2*
- 78.00 Top or ridge, 1000 ft. above sec.cor., bears E. and W.  
Desc.
- 80.00 Set a limestone, 18x8x8 ins., 12 ins. in the ground, for  
cor.or secs 23,24,26, and 25, mkd. with 2 notches on S. and  
1 notch on E.edges; from which  
A red pine, 11 ins. dia., bears N.51° E., 47 lks.  
dist.. mkd. T 5 S R 9 W S 24 B T.  
A red pine, 5 ins. dia., bears S.63° E., 97 lks.  
dist.. mkd. T 5 S R 9 W S 25 B T.  
A red pine, 5 ins. dia., bears S.20° W., 47 lks.  
dist.. mkd. T 5 S R 9 W S 26 B T.  
A red pine, 10 ins. dia., bears N.18° W., 40 lks.  
dist.. mkd. T 5 S R 9 W S 23 B T.
- Land, mountainous .  
Soil, gravelly and white clay; 3rd rate.  
Timber, pinon pine, red pine, and cedar.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.00 chs.  
July 10, 1904: At this cor.l set off 22° 14' N., on the decl.  
arc; and at 0 h 2 m p.m. lmt., I observe the sun on the  
mer. the resulting lat. is 40° 02' N., which is the proper  
lat. nearly.
- 
- N.89° 52' E., on a random line bet.secs.24 and 25.
- 40.00 Set temp.  $\frac{1}{4}$  sec.cor.
- 79.80 Intersect 2nd Guide Meridian West, 19 lks.S. of the cor.of  
Secs.

## Subdivision of T.5 S., R.9 W.-Continued.

- Chs. 19, 24, 25, and 30, heretofore described.  
 Thence I run  
 $S.89^{\circ}44'W.$ , on a true line bet. secs. 24 and 25.  
 Over mountainous land; through scattering timber and  
 scattering undergrowth.  
 Asc. along side of ridge.
- 31.00 Top of spur, 400 ft. above sec. cor., bears N.85°E. and S.85°  
 W.  
 Asc. along side of ridge.
- 39.90 Point 100 ft. above ridge.  
 A red pine, 10 ins. dia., for  $\frac{1}{2}$  sec. cor., I mark  $\frac{1}{2}$  S 23 on  
 N. side,  $\frac{1}{2}$  S 24 on S. side; from which  
 A red pine, 8 ins. dia., bears N.48°W., 42 lks.  
 dist. mka.  $\frac{1}{2}$  S 23 B.T.  
 A red pine, 10 ins. dia., bears S.23°E., 43 lks.  
 dist. mka.  $\frac{1}{2}$  S 24 B.T.
- 40.50 Bottom of hollow, 40 ft. above sec. cor., course N.50°E.  
 ASC.
- 41.00 Enter heavy timber, bears NE and SW.
- 79.80 The cor. or secs. 23, 24, 25, and 26.  
 Land, mountainous.  
 Soil, gravelly and rocky; 3rd and 4th rate.  
 Timber, pinon pine, red pine, and cedar.  
 Undergrowth, sage, service berry, and buck brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 79.80 chs.
- 
- N.0°1'W., bet. secs. 23 and 24.  
 Over mountainous land; through heavy timber.  
 Desc. )  
 8.00 Bottom of hollow, 200 ft. below sec. cor., course E.  
 Leave heavy and enter scattering timber, bears with hollow.  
 ASC.

corrected  
to page 2

## Subdivision of T. 5 S. R. 9 W. Continued.

Chs.

29.00 Top of divide ridge bet. Avintaquin and Timber Canons, 400 ft. above hollow, bears N.60° E. and S.60° W.

Desc.

29.50 Enter heavy timber, bears N.60° E. and S.60° W.

40.00 Set a sandstone, 17x10x8 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec.cor.. mkd.  $\frac{1}{2}$  on W. face; from which

A red pine, 11 ins. dia., bears N.45° E., 20 lks.  
dist.. mkd.  $\frac{1}{2}$  S 24 B T.

A red pine, 12 ins. dia., bears S.25° W., 30 lks.  
dist.. mkd.  $\frac{1}{2}$  S 23 B T.

80.00 Bottom of hollow, 700 ft. below ridge, course N.15° W.

Set a limestone, 18x10x4 ins., 12 ins. in the ground, for cor. of secs. 15, 14, 23, and 24, mkd. with 3 notches on S. and 1 notch on E. edges; from which

An aspen, 12 ins. dia., bears N.17° E., 50 lks.  
dist.. mkd. T 5 S R 9 W S 13 B T.

An aspen, 8 ins. dia., bears S.68° E., 60 lks.  
dist.. mka. T 5 S R 9 W S 24 B T.

An aspen, 9 ins. dia., bears S.19° W., 70 lks.  
dist.. mkd T 5 S R 9 W S 23 B T.

An aspen, 8 ins. dia., bears N.76° W., 56 lks.  
dist.. mkd. T 5 S R 9 W S 14 B T.

Land, mountainous.

Soil, gravelly and white clay; 3rd rate.

Timber, pinon pine, red pine, aspen, and cedar.

Good grass for grazing.

Mountainous or heavily timbered land, 80.00 chs.

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N.89° 44' E., on a random line bet. secs. 15 and 24.

40.00 Set temp.  $\frac{1}{2}$  sec.cor.

79.94 Intersect 2nd Guide Meridia West, 5 lks. N. of the cor. or secs.

## Subdivision of T.5 S., R.9 W. Continued.

Chs.	13, 18, 19, and 24, heretofore described.  Thence I run  S. 89° 46' W., on a true line bet. secs. 13 and 24.  Over mountainous land; through heavy timber.  Desc.
59.40	Bottom or hollow, 900 ft. below sec. cor., course N. 50° E.  ASC.
59.97	A red pine, 18 ins. dia., for $\frac{1}{4}$ sec. cor., 1 mark $\frac{1}{4}$ S 15 on N. side, 24 on S side; from which  A red pine, 6 ins. dia., bears N. 75° W., 30 lks. dist.. mkd. $\frac{1}{4}$ S 15 B T.  A red pine, 18 ins. dia., bears S. 60° W., 50 lks. dist.. mkd. $\frac{1}{4}$ S 24 B T..
59.50	Top or ridge, 400 ft. above hollow, bears N. and S.  Leave timber, bears N. and S.  Desc.
65.00	Enter dense undergrowth, bears N. and S
78.00	Leave undergrowth and enter heavy timber, bears N. 20° W. and S 20° E.
79.94	The cor. of secs. 13, 14, 23, and 24. (600 ft. below ridge.) Land, mountainous.  Soil, gravelly; 3rd rate.  Timber, pine and aspen.  Undergrowth, sage and buck brush.  Good grass for grazing.  Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.94 chs.

July 10, 1904.

July 11, 1904: At 7 h 2 m a.m., l.m.t., I set off 40° 03' N., on the lat. arc; 22° 9' N., on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 13, 14, 23, and 24.

## Subdivision of T. 5S. R. 9 W.-Continued.

Chs.	Thence I run N. 0° 1' W., bet. secs. 13 and 14. Over mountainous land; through heavy timber. Asc. along west slope of ridge.
3.00	Leave heavy and enter scattering timber, and scattering undergrowth, bears N. 20° W. and S. 20° E.
40.00	Set a sandstone, 16x16x4 ins., 11 ins. in the ground, for $\frac{1}{2}$ sec. cor. lmkd. $\frac{1}{2}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
73.00	Top of spur, 400 ft. above hec. cor., bears E. and W. Desc.
74.00	Leave undergrowth and enter heavy timber, bears E. and W.
80.00	Set a limestone, 18x11x3 ins., 12 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, mkd. with 4 notches on S. and 1 notch on E. edges; from which  A red pine, 3 ins. dia., bears N. 27° E., 25 lks. dist.. mkd. T 5 S R 9 W S 12 B T.  A red pine, 10 ins. dia., bears S. 67° E., 34 lks. dist.. mkd. T 5 S R 9 W S 13 B T.  A red pine, 13 ins. dia., bears S. 61° W., 29 lks. dist., mkd. T 5 S R 9 W S 14 B T.  A red pine, 8 ins. dia., bears N. 56° W., 34 lks. dist.. mkd. T 5 S R 9 W S 11 B T.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pine and aspen.
	Undergrowth, sage and buck brush.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
40.00	N. 89° 46' E., on a random line bet. secs. 12 and 13. Set temp. $\frac{1}{2}$ sec. cor.

## Subdivision of T.5 S. R.9 W. Continued.

Chs.	
80.10	Intersect 2nd Guide Meridian West, 7 lks. S. of the cor. of secs. 7, 12, 15, and 18, heretofore described. Thence I run S. 89° 43' W., on a true line bet. secs. 12 and 15. Over mountainous land; through heavy timber. Desc.
.75.	Bottom of canon, 10 ft. below sec. cor. course N. Asc.
7.00	Leave heavy and enter scattering timber, bears N. and S.
17.00	Top of ridge, 500 ft. above canon, bears N. and S. Desc.
37.25	Bottom of hollow, 280 ft. below ridge, course N. 30° E. Asc.
40.05	Set a sandstone, 16x11x3 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{2}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
60.00	Top of ridge, 400 ft. above hollow, bears N. 10° E. and S. 10° W. Desc.
80.10	The cor. or <sup>secs.</sup> 11, 12, 15, and 14. (400 ft. below ridge,) Land, mountainous... Soil, gravelly and white clay; 3rd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 80.10 chs.
	N. 0° 1' W., bet. secs. 11 and 12. Over mountainous land; through scattering timber. Desc.
47.00	Bottom of hollow, 35 ft. below sec. cor., course S. 70° W. Enter heavy timber, bears with hollow. ASC.
26.00	Top of spur, 350 ft. above hollow, bears N. 35° W. and S. 35° E.

## Subdivision of T.5 S.R.9 W.-Continued.

Chs.	Desc.along side of ridge.
40.00	Set a sandstone,18x14x3 ins.,12 ins.in the ground,for $\frac{1}{2}$ sec.cor..mkd. $\frac{1}{4}$ on W.face;from which A red pine,10 ins.dia.,bears S.65°E.,68 lks. dist..mkd. $\frac{1}{4}$ S 12 B T. A red pine,8 ins.dia.,bears N.35°W.,42 lks. dist..mkd. $\frac{1}{4}$ S 11 B T.
77.50	Spring branch,1 lk.wide,1 in.deep,in bottom of hollow, 600 ft.below ridge,course N.20°W. Asc.abruptly over ledges.
80.00	Set a sandstone,18x10x5 ins.,12 ins.in the ground,for cor.of secs.1,2,11, and 12,mkd.with 5 notches on S.and 1 notch on E.edges;and raise a mound of stone,2 ft.base,1 ft.high,W.of cor.
	Land,mountainous. Soil,gravelly and rocky;3rd and 4th rate Timber,red pine. Good grass for grazing. Mountainous or heavily timbered land,80.00 chs. July 11,1904:At the noon hour the sky is overcast and solar observations are impossible.
	N.89°43'E.,on a random line betsecs.1 and 12. 40.00 Set temp. $\frac{1}{4}$ sec.cor.
80.06	Intersect 2nd Guide Meridian West,23 lks.N.of the cor.of secs.1,6,7, and 12,heretofore described. Thence I run S.89°53'W.,on a true line betsecs.1 and 12. Over mountainous land;through heavy timber. Desc.
11.00	Head of hollow,100 rt.below sec.cor.,course NE. Asc.
40.03	Top of ridge,500 ft.above hollow,bears N.and S.

## Subdivision of T. &amp; S. R. R. E. -Continued.

Chm.	Set a sandstone, 18x8x8 ins., 12 ins. in the ground, for sec.cor., mkd. + on N. face ; from which A red pine, 18 ins. dia., bears N. 60° E., 30 lks. dist., mkd. + S 1 H.T. A red pine, 12 ins. dia., bears S. 44° E., 29 lks. dist., mkd. + S 12 H.T.  Desc.
60.00	Begin abrupt descent over ledges, bears NW and SE. Leave heavy and enter scattering timber, bears NE and SE.
80.06	The cor. of secn. 1, X, 11, and 12. Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, red pine. Good grass for grazing. Mountainous or heavily timbered land, 80.06 chw.
	<hr/>
	N. 45° E., on a true line bet. secn. 1 and 2. Over mountainous land; through very scattering timber. Asc. abruptly over ledges.
12.00	Top of spur, 200 ft. above sec.cor., bears N. 60° W. and S. 60° E.  Desc.
20.00	Leave ledges, bears NE and SW. Leave timber, bears NE and SW.
28.00	Foot of descent, 350 ft. below ridge, bears NE and SW. Enter bottom of Timber, Canon.
	Enter dense undergrowth, bears NE and SW.
33.00	Creek, 10 lks. wide, 10 ins. deep, course NE.
37.00	Leave canon bottom, bears NE and SW. Leave undergrowth, bears NE and SW.
	Asc.
40.00	Set a sandstone, 20x10x8 ins., 15 ins. in the ground, for

## Subdivision of T 5 S., R. 9 W.-Continued.

- Chs.  $\frac{1}{4}$  sec.cor., mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 42.00 Enter ledges, bears NE and SW.
- 70.00 Leave ledges, bears E. and W.
- 72.00 Enter scattering timber, bears E. and W.
- 80.00 Intersect 1st Standard Parallel South, 19.12 chs. East of the standard cor. or secs. 35 and 36, which is a limestone, 6x12x4 ins. above ground, firmly set, and mkd. and witnessed as described by Deputies H. D. Page and B. B. Kershaw.  
Set a quartzite stone, 18x11x4 ins., 12 ins. in the ground, for closing cor. of secs. 1 and 2, mkd. C.C on S., with 1 groove on E. and 5 grooves on W. faces; from which  
A red pine, 12 ins. dia., bears S.  $65^{\circ}$  E., 15 lks.  
dist. mkd. T 5 S R 9 W S 1 B T.  
A red pine, 10 ins. dia., bears S.  $35^{\circ}$  W., 16 lks.  
dist. mkd. T 5 S R 9 W S 2 B T.
- Land, mountainous, and level.
- Soil, gravelly loam, white clay and rocky; 2nd, 3rd, and 4th rate.
- Timber, red pine and pinon pine.
- Undergrowth, sage brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth; 80.00 chs.

July 11, 1904.

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July 12, 1904: At 7 h 2 m a.m., 1.m.t., I set off  $40^{\circ}00'N.$ , on the lat. arc;  $22^{\circ}1'N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. or secs. 2, 3, 34, and 35, on S. bdy. or Tp., heretofore described.

Thence I run

$N.0^{\circ}2'W.$ , bet. secs. 34 and 35.

Over mountainous land; through scattering timber and

## Subdivision of T. 5 S., R. 9 W.-Continued.

	Chs.	scattering undergrowth.
	Asc.	
15.00	Top of ridge, 150 ft. above sec. cor., bears E. and W.	
	Desc.	
28.20	Enter heavy aspen timber, bears E. and W.	
30.20	Leave aspen timber, bears E. and W.	
32.00	Bottom of hollow, 600 ft. below ridge, course N. 60° E.	
	Asc.	
36.00	Top of ridge, 80 ft. above hollow, bears N. 80° E. and S. 80° W.	
	Desc.	
40.00	Set a sandstone, 15x10x3 ins., 10 ins. in the ground, for sec. cor. mkd. $\frac{1}{2}$ on W. face; from which An aspen, 6 ins. dia., bears N. 20° E., 100 lks. dist. mkd. $\frac{1}{2}$ S 35 B.T.	
	No other trees within limits; dig pits, 18x15x12 ins., N. and S. of stone, 3 ft. dist.; and raise a mound of earth, $5\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.	
50.00	Creek, 2 lks. wide, 2 ins. deep, in bottom of canon, 500 ft. below ridge, course S. 60° E.	
	Asc.	
58.00	Enter heavy timber, bears E. and W.	
73.00	Leave timber, bears E. and W.	
73.50	Top of spur, 350 ft. above hollow, bears NW and SE.	
	Desc.	
80.00	Set a limestone, 16x8x4 ins., 11 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, mkd. with 2 notches on E. and 1 notch on S. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.	
	Land, mountainous.	
	Soil, gravelly and white clay; 3rd rate.	
	Timber, pinon pine, cedar, and aspen.	
	Undergrowth, sage and buck brush.	
	Good grass for grazing.	
	Mountainous or heavily timbered land, 80.00 chs.	

## Subdivision of T. 5 S., R. 9 W.-Continued.

- Chs. N. 89° 58' E., on a random line bet. secs. 26 and 35.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 80.00 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 25, 26, 35, and 36.  
Thence I run  
West, on a true line bet. secs. 26 and 35.  
Over mountainous land; through heavy timber and dense sage and buck brush.
- Desc.
- .90 Creek, 2 lks. wide, 1 in. deep, in bottom of hollow, 20 ft. below sec. cor., course S. 20° E.
- Asc.
- 20.00 Top of ridge, 120 ft. above hollow, bears N. 20° W. and S. 20° E. Desc.
- 40.00 Set a limestone, 18x10x6 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
A pinon pine, 12 ins. dia., bears N. 12° E., 65 lks. dist.. mkd.  $\frac{1}{4}$  S 26 B T.  
A pinon pine, 12 ins. dia., bears S. 10° 30' W., 80 lks. dist.. mkd.  $\frac{1}{4}$  S 35 B T.
- 48.00 Leave timber, bears N. and S.
- 50.40 Bottom of hollow, 500 ft. below ridge, course S. 60° E.
- Asc.
- 80.00 The cor. of secs. 26, 27, 34, and 35.  
Land, mountainous.  
Soil, gravelly and white clay; 3rd rate.  
Timber, pinon pine and cedar.  
Undergrowth, sage and buck brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

to connect  
with page 3

N. 0° 2' W., bet. secs. 26 and 27.

Subdivision of T. 5 S., R. 9 W. - Continued.

Chs.	Over mountainous land; through dense undergrowth and scattering timber.
	Desc.
22.00	Bottom of hollow, 200 ft. below sec. cor., course SE.
	Asc.
40.00	Top of ridge, 200 ft. above hollow, bears N. 30° W. and S. 30° E.  Set a sandstone, 18x10x6 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on W. face; dig pits, 18x18x12 ins., N. and S. of stone, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 12 ft. high, W. of cor.
	Desc.
55.00	Bottom of hollow, 100 ft. below ridge, course S. 20° E.
	Asc.
80.00	Top of ridge, 800 ft. above hollow, bears N. 10° W. and S. 10° E.  Set a limestone, 16x10x5 ins., 11 ins. in the ground, for cor. of secs. 22, 23, 26, and 27, mkd. with 2 notches on S., and E. edges; from which  A red pine, 48 ins. dia. bears N. 78° E., 98 lks. dist.. mkd. T 5 S R 9 W S 23 B T.  A pinon pine, 20 ins. dia., bears S. 52° 30' E., 41 lks. dist.. mkd. T 5 S R 9 W S 26 B T.  A pinon pine, 8 ins. dia., bears S. 42° 30' W., 240 lks. dist.. mkd. T 5 S R 9 W S 27 B T.  A pinon pine, 16 ins. dia., bears N. 30° 30' W., 62 lks. dist.. mkd. T 5 S R 9 W S 22 B T.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pinon pine, red pine, and cedar.
	Undergrowth, sage and buck brush.
	Good grass for grazing.
	Mountainous land, 80.00 chs.
	July 12, 1904: At this cor. I set off 21° 58' N., on the decl. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the

Subdivision of T.5 S., R.9 W.-Continued.

Chs. mer. the resulting lat. is  $40^{\circ}02'N.$ , which is the proper lat. nearly.

East, on a random line bet. secs. 23 and 26.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

80.12 Intersect N. and S. line, 23 lks. S. of the cor. of secs. 23, 24, 25, and 26.

Thence I run

$S.89^{\circ}50'E.$ , on a true line bet. secs. 23 and 26.

Over mountainous land; through heavy timber.

Asc.

7.00 Top of ridge, 150 ft. above sec. cor., bears N.  $60^{\circ}W.$  and S.  $60^{\circ}E.$ .

Desc. abruptly over ledges..

7.50 Leave heavy and enter scattering timber, bear. NW and SE.

25.00 Bottom of hollow, 800 ft. below ridge, course S.

Asc.

40.00 Top of spur, 600 ft. above hollow, bears N.  $20^{\circ}E.$  and S.  $20^{\circ}E.$ .

Set a limestone, 15x8x7 ins., 10 ins. in the ground, for sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which

A pinon pine, 60 ins. dia., bears N.  $27^{\circ}E.$ , 15 lks. dist.. mkd.  $\frac{1}{2}$  S 23 B T.

A pinon pine, 14 ins. dia., bears S.  $59^{\circ}E.$ , 18 lks. dist.. mkd.  $\frac{1}{2}$  S 26 B T.

Desc.

74.80 Bottom of hollow, 800 ft. below ridge, course S.  $10^{\circ}E.$ .

Asc.

80.12 The cor. of secs. 22, 23, 26, and 27. (100 ft. above hollow.) Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, pinon pine and cedar and red pine.

Good grass for grazing.

## Subdivision of T.5 S. R.9 W.-Continued.

Chs. Mountainous or heavily timbered land, 80.12 chs.

N.0° Z'W., bet. secs. 22 and 23.

Over mountainous land; through heavy timber.

Asc. along side of ridge.

13.00 Top of divide ridge bet. west fork of Avintaquin Canon and Timber Canon, 600 ft. above sec. cor., bears E. and W.

Desc.

40.00 Set a sandstone, 20x8x5 ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which

A red pine, 14 ins. dia., bears N.65° E., 50 lks.  
dist.. mkd.  $\frac{1}{2}$  S 23 B T.

A red pine, 14 ins. dia., bears N.23° W., 20 lks.  
dist.. mkd.  $\frac{1}{2}$  S 22 B T.

53.00 Bottom of canon, 800 ft. below ridge, course N.20° W.

Leave heavy and enter scattering timber.

Asc.

61.00 Top of spur, 130 ft. above canon, bears NW and SE.

Desc.

80.00 Point 200 ft. below spur.

Set a sandstone 24x16x3 ins., 18 ins. in the ground, for cor. or secs. 14, 15, 22, and 23, mkd. with 3 notches on S. and 2 notches on E. edges; from which

A red pine, 14 ins. dia., bears N.40° E., 69 lks.  
dist.. mkd. T 5 S R 9 W S 14 B R.

A red pine, 30 ins. dia., bears S.50° E., 49 lks.  
dist.. mka. 1 5 S R 9 W S 23 B T.

A red pine, 16 ins. dia., bears S.60° W., 70 lks.  
dist.. mkd. T 5 S-R 9 W S 22 B T.

A red pine, 29 ins. dia., bears N.60° W., 25 lks.  
dist.. mkd. T 5 S R 9 W S 15 B T.

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Subdivision of T. 5 S., R. 9 W.-Continued.

- Chs. Timber, red pine, and pinon pine.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.00 chs.
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N.  $89^{\circ} 50' E.$ , on a random line bet. secs. 14 and 23.  
40.00 Set temp.  $\pm$  sec. cor.  
80.26 Intersect N. and S. line, 10 lks. N. of the cor. of secs.  
13, 14, 23, and 24.  
Thence I run  
S.  $89^{\circ} 54' W.$ , on a true line bet. secs. 14 and 23.  
Over mountainous land; through heavy timber.  
Asc.  
7.00 Top of spur, 40 ft. above sec. cor., bears N. and S.  
Desc.  
15.50 Bottom of hollow, 200 ft. below spur, course N.  $15^{\circ} E.$   
Asc.  
19.00 Leave heavy timber and enter scattering timber and scatter-  
ing undergrowth, bears N.  $15^{\circ} E.$  and S.  $15^{\circ} W.$   
24.00 Leave undergrowth and enter heavy timber, bears N.  $20^{\circ} E.$  and  
S.  $20^{\circ} W.$   
37.50 Top of ridge, 500 ft. above hollow, bears N. and S.  
Desc. Leave timber, bears N. and S.  
40.13 Set a sandstone, 18x9x5 ins., 12 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone,  
 $\frac{1}{2}$  ft base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
70.00 Enter heavy timber, bears N. and S.  
80.26 The cor. or secs. 14, 15, 22, and 25. (800 ft. below ridge.)  
Land, mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, pine.  
Undergrowth, sage and buck brush.  
Good grass for grazing.

## Subdivision of T. 5 S. R. 9 E.-Continued.

Chs. Mountainous or heavily timbered land, \$0.26 chs.

July 12, 1904.

July 13, 1904: At 7 h 2 m a.m., l.m.t., I set off  $40^{\circ}03'N.$ ,  
on the lat.arc;  $21^{\circ}52'W.$ , on the decl.arc; and determine a  
mer. with the solar, at the cor. of secs. 14, 15, 22, and 23.  
Thence I run

$N.0^{\circ}3'W.$ , bet. secs. 14 and 15.

Over mountainous land; through heavy timber.

Desc.

5.00 Creek, 2 lks. wide, 2 ins. deep, in bottom of canon, 250 ft.  
below sec.cor., course NE. Asc.

5.50 Leave heavy and enter scattering timber, bears NE and SW.

40.00 Point 500 ft. above canon.

Set a sandstone, 18x8x6 ins., 12 ins. in the ground, for  
sec.cor.. mkd. 2 on W. face; and raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

59.00 Top of ridge, 700 ft. above canon, bears N.  $30^{\circ}$  E. and S.  $30^{\circ}$  W.

Desc.

68.00 Enter heavy timber, bears E. and W.

74.00 Leave timber, bears E. and W.

80.00 Set a sandstone, 16x16x10 ins. 11 ins. in the ground, for  
cor.of secs. 10, 11, 14, and 15, mkd, with 4 notches on S. and  
2 notches on E. edges; and raise a mound of stone, 2 ft.  
base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Land, mountainous.

Soil, gravelly and white clay; 3rd rate.

Timber, pine and aspen.

Good grass for grazing.

Mountainous or heavily timbered land, \$0.00 chs.

$N.89^{\circ}54'E.$ , on a random line bet. secs. 11 and 14.

Subdivision of T 5 S R.9 W -Continued.

Chs.	
40.00	Set temp. $\frac{1}{2}$ sec.cor.
80.36	Intersect N. and S. line, 10 lks. N. of the cor. of secs. 11, 12, 13, and 14. Thence I run S. $89^{\circ} 58' W.$ , on a true line bet. secs. 11 and 14. Over mountainous land; through heavy timber. Desc.
23.00	Bottom of hollow, 400 ft. below sec.cor., course N. $20^{\circ} W.$ . A spring bears N. $20^{\circ} W.$ 1.00 chr. dist. Leave heavy and enter scattering timber. Asc.
37.00	Leave timber, bears N. and S.
38.50	Top of ridge, 600 ft. above hollow, bears N. and S. Desc.
40.18	Set a shalestone, $20 \times 14 \times 3$ ins., 15 ins. in the ground, for $\frac{1}{4}$ sec.cor.. mkd. $\frac{1}{2}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
45.00	Enter ledges, bears N. $20^{\circ} W.$ and S. $20^{\circ} E.$
49.00	Leave ledges, bears N. $20^{\circ} W.$ and S. $20^{\circ} E.$
62.00	Bottom of canon, 600 ft. below ridge, course N. $10^{\circ} W.$ Asc.
72.00	Top of ridge, 200 ft. above canon, bears N. $20^{\circ} W.$ and S. $20^{\circ} E.$ Desc.
80.36	The cor. or secs. 10, 11, 14, and 15, (50 ft below ridge) Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pinon pine, and red pine, and cedar. Good grass for grazing. Mountainous or heavily timbered land, 80.36 chs.
	N. $0^{\circ} 2' W.$ , bet. secs. 10 and 11. Over mountainous land; through dense undergrowth.

## Subdivision of 1.5 S., R.9 E.-Continued.

Ohs.	Desc.
15.00	Foot or descent, 200 ft. below sec.cor., bears N.10°E. and S.40°W. Enter bottom of Timber Canon.
40.00	Set a quartzite stone, 20x12x4 ins., 15 ins. in the ground, for cor. or sec.cor.. mkd. $\frac{1}{2}$ on W. face; from which A cottonwood, 4 ins dia bears N.75°E., 20 lks. dist.. mkd. $\frac{1}{2}$ S 11 B T. A cottonwood, 10 ins. dia., bears S.85°W., 20 lks. dist.. mkd. $\frac{1}{2}$ S 10 B T. Enter scattering cottonwood timber, bears NE and SW.
42.00	Creek, 10 lks. wide, 5 ins. deep, gravelly bottom, moderate current, course NE.
60.00	Leave canon, bears N.60°E. and S.60°W. Leave undergrowth and cottonwood timber and enter heavy pinon pine, red pine and cedar timber, bears N.60°E. and S.60°W. Asc.
65.00	Enter series of ledges, bears E. and W.
71.00	Leave ledges, bears E. and W.
74.00	Top of spur, 900 ft. above canon, bears NW and SE. Desc.
80.00	Set a quartzite stone, 24x16x4 ins., 18 ins. in the ground, for cor. or secs. 2, 5, 10, and 11, mkd. with 5 notches on S. and 2 notches on L.edges; from which A red pine, 8 ins. dia., bears N.5° E., 34 lks. dist.. mkd. T 5 S R 9 W S 2 B T. A red pine, 24 ins. dia., bears S.48°E., 52 lks. dist.. mkd. T 5 S R 9 W S 11 B T. A red pine, 10 ins. dia., bears S.59°W., 83 lks. dist.. mkd. T 5 S R 9 W S 10 B T. A red pine, 12 ins. dia., bears N.55°W., 125 lks. dist.. mkd. T 5 S R 9 W S 3 B T. Land, mountainous and level. Soil, gravelly and white clay and rocky; 3rd and 4th rate.

Subdivision of T 5 S. R 9 W -Continued.

- Chs.      Timber, pinon pine, red pine, cedar, and cottonwood.  
           Undergrowth, sage brush and rabbit brush.  
           Good grass for grazing.  
           Mountainous or heavily timbered land, or land covered  
           with dense undergrowth, 80.00 chs.  
           July 13, 1904: At the noon hour the sky is overcast and  
           solar observations are impossible.
- 
- N. 89° 58' E., on a random line bet. secs. 2 and 11.  
 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
 80.18 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11,  
       and 12.  
       Thence I run  
           S. 89° 56' W., on a true line bet. secs. 2 and 11.  
       Over mountainous land; through scattering timber.  
       Desc. abruptly over ledges.  
 2.50 Spring branch, 1 lk. wide,  $1\frac{1}{2}$  ins. deep, in bottom of hollow,  
       200 ft. below sec. cor., course N. 10° W.  
       Leave ledges, bears N. 10° W. and S. 10° E.  
       Asc.  
 13.50 Top of spur, 400 ft. above hollow, bears N. and S.  
       Desc.  
 29.50 Foot of descent, 550 ft. below spur, bears N. 30° E. and S. 30°  
       W.  
       Enter bottom of Timber Canon.  
       Leave timber and enter dense undergrowth, bears N. 30° E.  
       and S. 30° W.  
 32.20 Creek, 10 lks. wide, 10 ins. deep, rocky bottom, moderate  
       current, course NE.  
 40.00 Set a sandstone, 18x13x4 ins., 12 ins. in the ground, for  
        $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone,  
       2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 43.00 Leave canon bottom, bears NE and SW.

Subdivision of S 5 S .R 9 W -Continued

- Chs. Leave undergrowth and enter scattering timber,bears. NE and SW.
- Ascend abruptly over ledges.
- 56.00 Top of spur,800 ft.above canon,bears N.30°W.and S.30°E.  
Desc.
- 77.50 Bottom of hollow,300 ft.below spur,course SE.  
Asc.
- 78.50 Leave ledges,bears NW and SE.  
Enter heavy timber,bears N.and S.
- 80.18 The cor.of secs.2,3,10, and 11.(500 ft.above hollow.)  
Land,mountainous and level.  
Soil,gravelly and rocky;3rd and 4th rate.  
Timber,pinon pine,red pine, and cedar.  
Undergrowth,sage brush.  
Good grass for grazing.  
Mountainous or heavily timbered land,or land covered  
with dense undergrowth,80.18 chs.
- N.0°2'W.,on a true line betsecs.2 and 3.  
Over mountainous land;through heavy timber.  
Desc.
- 2.50 Bottom of hollow,50 ft.below sec.cor.,course SE.  
Asc. over ledges.
- 24.00 Leave ledges,bears NW and SE.
- 28.00 Top of ridge,900 ft.above hollow,bears NE and SW.  
Leave timber and enter fallen dead timber,bears NE and SW.  
Desc.
- 40.00 Set a sandstone,16x8x6 ins.,11 ins.in the ground,for  
sec.cor..mkd. on W.face;and raise a mound of stnne,  
2 ft.base,1 $\frac{1}{2}$  ft.high,W.of cor.
- 60.00 Bottom of hollow,300 ft.below ridge,course NW.  
Asc.

## Survey of T 5 S R 9 W -Continued

Chs.

80.28 Intersect 1st Standard Parallel South, 19.00 chs. East. of the standard cor. of secs. 34 and 35, which is a sandstone, 5x10x6 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies H.D. Page and B.S. Kershaw.

Set a sandstone, 16x9x5 ins., 11 ins. in the ground, for closing cor. of secs. 2 and 3, mkd. C C on S., with 2 grooves on E. and 4 grooves on W. and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor.

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, pine and aspen.

Good grass for grazing.

Mountainous or heavily timbered land, 80.28 chs.

July 13, 1904.

July 14, 1904: At 7 h 2 m a.m., l.m.t., I set off  $40^{\circ}00'N.$ , on the lat. arc;  $21^{\circ}43'W.$ , on the decl. arc; and determine a meridian with the solar, at the cor. of secs. 34, 33, 3, and 4, on S. bdy. of Tp., heretofore described.

Then I run

$N.0^{\circ}2'W.$ , bet. secs. 33 and 34.

Over mountainous land; through dense undergrowth, and scattering timber.

Asc. along side of ridge.

18.00 Top of ridge, 150 ft. above sec. cor., bears E. and W.

Desc.

40.00 Set a limestone, 20x16x3 ins., 15 ins. in the ground, for sec. cor. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

47.00 Bottom of hollow, 300 ft. below ridge, course N.  $80^{\circ}E.$   
Asc.

## Subdivision of T.5 S., R.9 W.-Continued.

Chs.	
51.00	Top of spur, 80 ft. above hollow, bears E. and W. Desc.
61.40	Creek, 5 lks. wide, 4 ins. deep, in bottom of hollow, 200 ft. below ridge, course S.80°E. Asc.
65.00	Enter heavy timber, bears N.80°E. and S.80°W.
70.00	Top of spur, 120 ft. above hollow, bears E. and W. Leave timber, bears E. and W. A spring of good water bears W.6.00 chs. dist. Desc.
80.00	Set a shalestone, 24x8x6 ins., 18 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, mkd. with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine and cedar. Undergrowth, sage and buck brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
40.00	K.89° 58' E., on a random line bet. secs. 27 and 34. Set temp. to sec. cor.
80.20	Intersect N. and S. line, at the cor. of secs. 26, 27, 34, and 35. Thence I run S.89° 58' W., on a true line bet. secs. 27 and 34. Over mountainous land; through dense undergrowth. Asc.
5.00	Top of spur, 100 ft. above sec. cor., bears N.60°W. and S.60°E. Desc.
32.00	Bottom of hollow, 300 ft. below spur, course S.30°E.

## Subdivision of T.5 S. R.9 W.-Continued.

- Chs. Asc.
- 40.10 Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for  $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.
- 64.00 Top of ridge, 200 ft. above hollow, bears N. 20° E. and S. 20° W.
- Desc.
- 80.20 The cor.of secs. 27,28,33, and 34.
- Land, mountainous.
- Soil, gravelly and white clay; 3rd rate.
- No timber.
- Undergrowth, sage, deer, buck, service berry, and rabbit brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth,
- 80.20 chs.
- 
- N. 0° 2' W., bet. secs. 27 and 28.
- Over mountainous land; through dense undergrowth.
- Asc.
- 40.00 Set a sandstone, 18x12x3 ins., 12 ins. in the ground, for  $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on W. face; from which
- A pinon pine, 12 ins. dia., bears S. 65° E., 106 lks. dist.. mkd.  $\frac{1}{2}$  S 27 B T.
- A pinon pine, 20 ins. dia., bears N. 75° W., 35 lks. dist.. mkd.  $\frac{1}{2}$  S 28 B T.
- Enter scattering timber, bears E. and W.
- Begin abrupt ascent over ledges, bears E. and W.
- 80.00 Point 1500 ft. above sec.cor.
- Set a limestone, 16x10x5 ins., 11 ins. in the ground, for cor.of secs. 21,22,27, and 28, mkd. with 2 notches on S. and 3 notches on E.edges; from which
- A mahogany, 5. ins. dia., bears N. 25° E., 260

## Subdivision of T. 5 S., R. 9 W. Continued.

Chs.	lks.dist..mkd.T 5 S R 9 W S 22 B T. A red pine, 15 ins. dia., bears S. 76° E., 340 lks. dist..mkd.T 5 S.R 9 W S 27 B T. A red pine, 20 ins. dia., bears S. 32° W., 154 lks. dist..mkd.T 5 S.R 9 W S 28 B T. A red pine, 20 ins dia., bears N. 60° W., 186 lks. dist..mkd.T 5 S.R 9 W S 21 B T..  Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine, red pine and cedar. Undergrowth, sage, service berry, buck, and deer brush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.  July 14, 1904: At this cor. I set off 21° 41' N. on the decl. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is 40° 02' N., which is the proper lat. nearly.
40.00	N. 89° 58' E., on a random line bet. secs. 22 and 27. Set temp. ± sec.cor.
80.00	Intersect N. and S. line, 10 lks. S. of the cor. of secs. 22, 23, 26, and 27.  Thence I run N. 89° 54' W., on a true line bet. secs. 22 and 27.
	Over mountainous land; through heavy timber. Desc.
10.50	Bottom of hollow, 150 ft. below sec.cor., course S. 20° E. Asc.
27.60	Top of ridge, 600 ft. above hollow, bears N. 30° W. and S. 30° E. Desc.
40.00	Set a sandstone, 20x8x5 ins., 15 ins. in the ground, for sec.cor.. mkd. ± on N. face; from which

## Subdivision of T. 5. S. R. 9 W. -Continued

Chs.                   A pinon pine, 10 ins. dia., bears N. 15° E., 45 lks.  
                  dist. mkd.  $\frac{1}{2}$ . S 22 B.T.  
                  A mahogany 10 ins. dia., bears S. 15° E., 50 lks.  
                  dist. mkd.  $\frac{1}{2}$ . S 27 B.T.  
 48.00 Head of hollow, 300 ft. above ridge, course S. 30° E.  
                  Asc.  
 55.00 Enter ledges, bears N. 80° E. and S. 80° W.  
 64.50 Top of ridge, 500 ft. above hollow, bears N. 30° W. and S. 30° E.  
                  Continue ascent along side of ridge. Leave ledges.  
 80.00 The cor. of secs. 21, 22, 27, and 28. (300 ft. above ridge.)  
                  Land, mountainous.  
                  Soil, gravelly and white clay and rocky; 3rd and 4th rate.  
                  Timber, pinon pine, red pine, and cedar.  
                  Good grass for grazing.  
                  Mountainous or heavily timbered land, 80.00 chs.

N. 0° 2' W., bet. secs. 21 and 22.

Over mountainous land; through scattering timber and scattering undergrowth.

Asc.

3.00 Top of divide ridge bet. west fork of Avintaquin Canon  
                  and Timber, Canon, 150 ft. above sec. cor., bears E. and W.  
                  Enter heavy timber, bears E. and W.

Desc.

6.00 Leave heavy and enter scattering timber, bears E. and W.

40.00 Set a sandstone, 20x12x3 ins., 15 ins. in the ground, for  
        $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone,  
       2 ft. base, 1 $\frac{1}{2}$  ft. high,  $\frac{1}{2}$  of cor.

80.00 Point 1200 ft. below ridge.  
                  Set a sandstone, 20x10x5 ins., 15 ins. in the ground, for  
       cor. of secs. 15, 16, 21, and 22, mkd. 5 S on NE., and 9 W on SE  
       face; with 3 notches on S., and E. edges; from which  
                  An aspen, 5 ins. dia., bears N. 60° E., 150 lks.

## Subdivision of T.5 S., R.9 W. Continued.

Chs.	dist..mkd.T 5 S R 9 W S 15 B T.  An aspen, 3 ins.dia., bears S.50° E., 9 lks.  dist..mkd.T 5 S R 9 W S 22 B T.  An aspen, 3 ins.dia., bears S.35° W., 50 lks.  dist..mkd.T 5 S R 9 W S 21 B T.  An aspen, 3 ins.dia., bears N.35° W., 75 lks.  dist..mkd.T 5 S R 9 W S 16 B T.
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Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pinon pine, red pine, cedar, and aspen.

Undergrowth, sage and buck brush.

Good grass for grazing.

Mountainous or heavily timbered land, 80.00 chs.

July 14, 1904: At this cor. Latitude 40° 02' 51" N., longitude 110° 56' 23" W., I set off 40° 03' N., on the lat.arc; 21° 40' N., on the decl.arc; and at 5 h 2 m p.m., l.m.t., I determine a mer. with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

At 11 h 58.4 m p.m., l.m.t., I obs. Pol. at eastern elong. in accordance with the Manual, and mark a point in the line thus determined on a peg driven in the ground, 5.00 chs. N. of the cor.

July 14, 1904.

July 15, 1904: At 6 h 3 m a.m., l.m.t., I lay off the azimuth of Pol. 1° 34.4' to the west, and mark the mer. thus determined by cutting a small groove in the stone, already set 5.00 chs. N. of the cor.; this mark falls 0.29 ins. east of the mark determined with the solar.

At 7 h 2 m a.m., l.m.t., I set off 40° 03' N., on the lat.arc; 21° 34' N., on the decl.arc; and mark the mer. determined with the solar, by a cross on the stone, already set 5.00 chs. N. of the cor.; this mark falls 33 ins. east of the mer. established by Pol. obsn.

## Subdivision of T.5 S. R.9 W.-Continued.

Chs. The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about  $0^{\circ}15'$  west and  $0^{\circ}17'$  east of the mer. established by Pol. obsn.; therefore I concluded that the adjustments of the instrument are satisfactory.

The magnetic bearing of the mer. at 7 h 29 m a.m., is  $N.16^{\circ}44'W.$ , the angle thus determined gives the mag. decl.  $16^{\circ}44'E.$

$N.89^{\circ}54'E.$ , on a random line bet. secs. 15. and 22.

40.00 Set temp.  $\pm$  sec. cor.

79.92 Intersect N. and S. line, 10 lks S. of the cor. of secs. 14, 15, 22, and 23.

Thence I run

$S.89^{\circ}50'W.$ , on a true line bet. secs. 15. and 22.

Over mountainous land; through heavy timber.

Desc.

3.00 Creek, 2 lks. wide, 1 in. deep, in bottom, 85 ft. below sec. cor. course  $N.30^{\circ}E.$

Leave heavy and enter very scattering timber, bears.  $N.30^{\circ}E.$  and  $S.30^{\circ}W.$

Asc.

35.00 Top of ridge, 600 ft. above hollow, bears N. and S.

Leave timber, bears N. and S.

Desc.

39.96 Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.

55.00 Bottom of hollow, 600 ft. below ridge, course  $E.30^{\circ}W.$   
Asc.

68.00 Top of spur, 500 ft. above hollow, bears N. and S.

Desc.

79.92 The cor. of secs. 15, 16, 21, and 22.  
Land, mountainous.

## Subdivision of T.5 S., R.9 W.-Continued.

Chs.	Soil, gravelly; 3rd rate. Timber, pinon pine and red pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 79.92 chs.
	N. 0° 2' W., bet. secs. 15 and 16. Over mountainous land; through scattering timber, and dense aspen saplings.
	Desc.
14.00	Bottom of hollow, 400 ft. below sec. cor., course NE. Leave aspen saplings, bears NE and SW.
	Asc.
40.00	Set a sandstone, 14x12x4 ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{2}$ on W. face from which A pinon pine, 12 ins. diam., bears N. 35° E., 150 lks. dist., mkd. $\frac{1}{2}$ S 15 B T. A pinon pine, 3 ins. dia., bears N. 15° W., 40 lks. dist.. mkd. $\frac{1}{2}$ S 16 B T.
45.00	Top of ridge, 600 ft. above hollow, bears NE and SW. Enter aspen saplings, bears NE and SW.
	Desc.
72.50	Foot of descent, 900 ft. below ridge, bears NE and SW. Enter bottom of Timber Canon. Leave aspen saplings and enter dense willows, bears NE and SW.
73.50	Creek 20 lks. wide, 6 ins. deep, muddy bottom, moderate current course NE.
74.00	Leave willows and enter dense sage brush, bears NE and SW.
80.00	Foot of mountain, bears NE and SW. Set a limestone, 16x6x6 ins., 11 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, mkd. with 4 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

## Subdivision of T 5 S. R 9 W -Continued.

- Chs. Land, mountainous and level.  
Soil, gravelly and clay loam and white clay; 2nd and 3rd rate.  
Timber, pinon pine, and cedar.  
Undergrowth, aspen saplings, willows, and sage brush.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
80.00 chs.
- 
- N.  $89^{\circ} 50' E.$ , on a random line bet. secs. 10 and 15.  
40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
80.12 Intersect N. and S. line, 14 lks. S. of the cor. of secs.  
10, 11, 14, and 15.  
Thence I run  
S.  $89^{\circ} 44' W.$ , on a true line bet. secs. 10 and 15.  
Over mountainous land; through scattering undergrowth.  
Desc.  
4.00 Enter heavy pine and aspen timber, bears N. and S.  
12.20 Foot of descent, 150 ft. below sec. cor., bears N.  $40^{\circ} E.$  and S.  $40^{\circ} W.$   
Enter bottom of canon.  
27.00 Leave timber and enter dense undergrowth, bears N. and S.  
28.00 Creek, 2 lks. wide, 2 ins. deep, course N.  $30^{\circ} E.$   
Leave canon bottom, bears N.  $30^{\circ} E.$  and S.  $30^{\circ} W.$   
Asc.  
34.00 Top of spur, 250 ft. above canon bottom, bears N.  $30^{\circ} E.$  and S.  $30^{\circ} W.$   
Desc.  
40.06 Set a sandstone, 24x12x6 ins., 18 ins. in the ground, for  $\frac{1}{2}$  sec. cor. mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
43.00 Enters scattering timber, bears N. and S.  
71.80 Foot of descent, 250 ft. below ridge, bears N.  $60^{\circ} E.$  and S.  
Enter bottom of Timber Canon.

## Subdivision or T. 5 S., R. 9 W.-Continued.

Chs.	
72.00	Creek, 20 lks. wide, 6 ins. deep, rocky bottom, moderate current, course N. 60° E.
80.12	The cor. or secs. 9, 10, 15, and 16. Land, mountainous and level. Soil, gravelly and clay loam; 2nd rate. Timber, pine and aspen. Undergrowth, sage brush and willows. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.12 chs.
	July 15, 1904: At this cor. I set off 21° 31' N., on the decl. arc; and at 0 h 2 m p.m. l.m.t., I observe the sun on the mer. the resulting lat. is 40° 04' N., which is the proper lat. nearly.
	N. 0° 2' W., bet. secs. 9 and 10. Over mountainous land; through dense undergrowth. Asc.
5.00	Leave undergrowth and enter heavy timber.
40.00	Set a quartzite stone, 16x14x5 ins., 11 ins. in the ground, for $\frac{1}{2}$ sec. cor., mkd. $\frac{1}{2}$ on N. face; from which A red pine, 3 ins. dia., bears N. 45° E., 45 lks. dist. mkd. $\frac{1}{2}$ S 10 B T. A red cedar, 5 ins. dia., bears S. 89° W., 30 lks. dist. mkd. $\frac{1}{2}$ S 9-B T.
76.00	Top of ridge, 1500 ft. above sec. cor., bears N. 70° W. and S. 70° E. Desc.
84.00	Set a sandstone, 18x16x4 ins., 12 ins. in the ground, for cor. of secs. 3, 4, 9, and 10, mkd. with 5 notches on S. and 3 notches on N. edges; from which A red pine, 12 ins. dia., bears N. 31° E., 52 lks.

## Subdivision of T 5 S R 9 W -Continued

Chs.

dist..mkd.T 5 S R 9 W S 3 B T.

A red pine, 12 ins dia., bears S.46° E., 65 lks.

dist..mkd.T 5 S R 9 W S 10 B T..

A red pine, 24 ins dia., bears S.53° W., 76 lks.

dist..mkd.T 5 S R 9 W S 9 B T.

A red pine, 10 ins dia., bears N.33° W., 73 lks.

dist..mkd.T 5 S R 9 W S 4 B T..

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate..

Timber, pinon pine, red pine, and cedar.

Undergrowth, sage brush.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

N.89°44'E., on a random line bet. secs. 3 and 10.

40.00 Set temp.  $\frac{1}{2}$  sec.cor.

80.10 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 2, 3, 10, and 11.

Thence I run

S.89°51'W., on a true line bet. secs. 3 and 10.

Over mountainous land; through heavy timber.

Asc. abruptly.

9.00 Top of ridge, 800 ft. above sec.cor., bears NW and SE.

Desc. abruptly.

26.00 Bottom of hollow, 500 ft. below ridge; course SE.

Asc.

40.05 Set a sandstone, 17x9x4 ins., 12 ins. in the ground, for  $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; from which

A red pine, 20 ins dia., bears N.62° E., 36 lks.

dist..mkd.  $\frac{1}{2}$  S 3 B T.A white pine, 5 ins dia., bears S.40° W., 113 lks. dist..mkd.  $\frac{1}{2}$  S 10 B T.

## Subdivision of T 5 S .R 9 W -Continued

Chs.	
59.00	Top of ridge, 700 ft. above hollow, bears NE and SW. Desc. through scattering sage brush.
72.00	Bottom of hollow, 150 ft. below ridge, course NE. Asc.
80.10	The cor. of secs. 3, 4, 9, and 10. (100 ft. above hollow.) Land, mountainous. Soil, gravelly and rocky; 3rd and 4th rate. Timber, pine. Undergrowth, scattering sage brush. Good grass for grazing. Mountainous or heavily timbered land, 80.10 chs.
	<hr/>
	N.0°S'W., on a true line bet. secs. 3 and 4. Over mountainous land; through heavy timber. Desc.
17.00	Bottom of hollow, 200 ft. below sec. cor., course NE. Leave timber, bears NE and SW. Asc.
18.00	Enter scattering undergrowth, bears NE and SW.
27.00	Top of divide ridge bet. Timber Canon and canons on N., 250 ft. above hollow, bears NE and SW. Desc.
28.00	Enter standing and fallen dead timber, bears NE and SW.
40.00	Set a quartzite stone, 16x11x10 ins., 11 ins. in the ground for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on W. face. and raise a mound of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
75.00	Leave dead timber and enter heavy red pine timber, bears E. and W.
79.00	Bottom of hollow, 800 ft. below ridge, course N. 70° E. Asc.
80.20	Intersect 1st Standard Parallel South, 19.10 chs. East

Subdivision of T 5 S .R.9 W.-Continued.

- Chs. of the standard cor.of secs.33 and 34,which is a sandstone, 5x10x5 ins.,above ground,firmlly set, and mkd.and witnessed as described by the Deputies H.D.Page and B.S.Kershaw.  
Set a sandstone,18x9x4 ins.,10 ins.in the ground,for closing cor.of secs.3 and 4,mkd.C C on S.,with 3 grooves on E.,and W.face;from which  
A red pine,14 ins.dia.,bears S.38°E.,45 lks.  
dist..mkd.T 5 S R 9 W S 3 B T.  
A red pine,10 ins.dia.,bears S.44°W.,34 lks.  
dist..mkd.T 5 S R 9 W S 4 B T.  
Land, mountainous.  
Soil, gravelly;3rd rate.  
Timber,pinon pine, and red pine ..  
Undergrowth,service berry and buck brush.  
Good grass for grazing.  
Mountainous or heavily timbered land,80.20 chs.

July 15,1904.

July 16,1904: At 7 h 2 m a.m.,l.m.t.,I set off 40°00'N., on the lat.arc, 21°25'N., on the decl.arc;and determine a meridian withthe solar,at the cor.of secs.4,5,32, and 33, on S.bdy.of Tp.,heretofore described.

Thence I run

N. 0°3'W.,betsecs.32 and 33.

Over mountainous land;through dense undergrowth.

Asc.

6.50 Top of spur,100 ft.above sec.cor.,bears N.40°W.and SE.

Desc.

27.00 Bottom of hollow,200 ft.below spur,course S.60°E.

Asc.

40.00 Set a sandstone,24x8x5 ins.,18 ins.in the ground,for

## Subdivision of T. 5 S., R. 9 W.-Continued.

Chs.	Set sec.cor..mkd. on W.face; and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor.
47.00	Top of ridge, 200 ft.above hollow, bears N. $30^{\circ}$ W.and S. $30^{\circ}$ E. Desc.
80.00	Bottom of hollow, 100 ft.below ridge, course N. $70^{\circ}$ E. Set a limestone, 20x12x4 ins., 15 ins.in the ground, for cor.of secs.28,29,32, and 33,mkd.with 1 notch on S.and 4 notches on E.edges; and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor. Land, mountainous. Soil, gravelly, 3rd rate. No,timber. Undergrowth,sage,buck, and mahogany brush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth. 80.00 chs.
	N. $89^{\circ} 58' E.$ , on a random line betsecs.28 and 33.
40.00	Set temp. $\frac{1}{2}$ sec.cor.
80.14	Intersect N.and S.line, 14 lks.S.of the cor.of secs. 27,28,33, and 34. Thence I run S. $89^{\circ} 52' W.$ , on a true line bet.sec.28 and 33. Over mountainous land;through dense undergrowth Desc.
.50	Bottom of hollow, 20 ft.below sec.cor., course S. $30^{\circ}$ W. Asc.
17.00	Top of ridge, 200 ft.above hollow, bears N.and S. Enter scattering timber,bears N.and S. Desc.
35.50	Bottom of hollow, 100 ft.below ridge, course SE. Leave timber,bears NW and SE. Asc.

## Subdivision of T.5 S., R.9 W.-Continued.

Chs.

- 40.07 Set a limestone, 16x14x3 ins., 11 ins. in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd. $\frac{1}{2}$  on N. face; from which  
 An aspen, 5 ins. dia. bears N. 80° W., 75 lks.  
 dist.. mkd. $\frac{1}{2}$  S 28 B T.  
 An aspen, 3 ins. dia., bears S. 5° E., 25 lks.  
 dist.. mkd. $\frac{1}{2}$  S 33 B T.
- 40.50 Enter dense aspen saplings, bears N. and S. Leave sage.
- 48.00 Leave aspen saplings and enter dense sage brush, bears N. and S.  
 Asc.along side or hollow.
- 50.14 The cor.of secs. 28, 29, 32 and 33.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pinon pine and cedar.  
 Undergrowth, sage brush and aspen saplings.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 80.14 chs.
- 
- N. 0° 3' W., bet. secs. 28 and 29.  
 Over mountainous land; through dense undergrowth.  
 Asc.
- 50.00 Enter scattering cedar and pinon pine timber, bears E. and W.
- 40.00 Set a sandstone, 15x7x5 ins., 10 ins. in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd. $\frac{1}{2}$  on W. face; and raise a mound of stone,  
 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 48.00 Top of divide ridge bet. west fork of Avintaquin Canon  
 and Timber, Canon, 800 ft. above sec.cor., bears N. 70° E.  
 and S. 70° W.  
 Desc.
- 52.00 Enter heavy pine and aspen timber, bears E. and W.
- 50.00 Bottom of hollow, 150 ft. below ridge, course N. 30° W.

## Subdivision of T.5 S., R.9 W. Continued.

Chs.	Asc.
77.00	Leave timber and enter dense aspen saplings, bears E. and W.
80.00	Set a quartzite stone, 16x7x6 ins., 11 ins. in the ground, to cor. of secs. 20, 21, 28, and 29, mkd. with 2 notches on S. and 4 notches on E. edges; from which
	An aspen, 3 ins. dia., bears N. 22° E., 63 lks. dist.. mkd. T 5 S R 9 W S 21 B T.
	A red pine, 4 ins. dia., bears S. 69° E., 58 lks. dist.. mkd. T 5 S R 9 W S 28 B T.
	An aspen, 3 ins. dia., bears S. 45° W., 15 lks. dist.. mkd. T 5 S R 9 W S 29 B T.
	An aspen, 3 ins. dia., bears N. 40° W., 16 lks. dist.. mkd. T 5 S R 9 W S 20 B T.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pinon pine, cedar, red pine, and aspen.
	Undergrowth, sage brush, mahogany and aspen saplings.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	July 16, 1904: At the noon hour the sky is overcast and solar observations are impossible.

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	N. 89° 52' E., on a random line bet. secs. 21 and 28.
40.00	Set temp. at sec. cor.
80.36	Intersect N. and S. line, 16 lks. S. of the cor. or secs. 21, 22, 27, and 28.
	Thence I run
	S. 89° 45' W., on a true line bet. secs. 21 and 28. Over mountainous land; through scattering timber.
	Asc.
9.00	Top of divide ridge bet. the west fork of Avintaquin Canon, and Timber Canon, 200 ft. above sec. cor., bears N. 60° E.

## Subdivision of T 5 S .R 9 W -Continued

Chs.	Desc.
15.00	Leave timber and enter dead timber,bears N.and S.
30.50	Leave dead timber and enter heavy aspen timber,bears N. and S.
33.50	Bottom of canon,1000 ft.below ridge,course N.20° W. Asc.
35.50	Leave heavy,enter scattering timber,bears N.20° W.&S.20° E. Enter dense undergrowth,bears N.20° W. and S.20° E.
40.18	Set a sandstone,15x6x6 ins.,10 ins.in the ground,for 4 sec.cor..mkd. $\frac{1}{2}$ on N.face;from which  An aspen,5 ins.dia.,bears N.3 0° W.,35 lks. dist..mkd. $\frac{1}{2}$ S 21 B T.  An aspen,4 ins.dia.,bears S.45° E.,42 lks. dist..mkd. $\frac{1}{2}$ S 28 B T.
47.00	Top of ridge,400 ft.above canon,bears N. and S. Desc.
57.00	Bottom of hollow,300 ft.below ridge,course N: Asc.
67.00	Top of ridge,300 ft.,above hollow,bears N. and S. Desc.
80.36	The cor.of secs.20,21&8, and 29.(250 ft.below ridge.) Land,mountainous. Soil,gravelly;3rd rate. Timber,pine and aspen. Undergrowth,sage brush and aspen saplings. Good grass for grazing. Mountainous land,or land covered with dense undergrowth, 80.36 chs.
	N.0° 3' W.,betsecs.20 and 21. Over mountainous land;through dense aspen saplings. Desc.along side of hollow.
28.50	Bottom of hollow,250 ft.below sec.cor.,course NE Asc.

Subdivision of T. 5 S., R. 9 W.-Continued.

Ohs.	
40.00	Set a sandstone, 10x8x6 ins., 11 ins. in the ground, for a sec.cor., maked. $\pm$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
40.75	Top of ridge, 250 ft. above hollow, bears NE and SW. Desc. Enter heavy pine and aspen timber, bears E. and W. Leave timber, bears E. and W. Set a sandstone, 18x7x3 ins., 12 ins. in the ground, for cor.of secs. 16, 17, 20, and 21, maked. with 2 notches on S. end and 4 notches on E. edges; from which An aspen, 14 ins. dia., bears S. 56° E., 66 lks. dist.. mka. T 5 S R 9 : S 21 B T. An aspen, 12 ins. dia., bears S. 36° E., 70 lks. dist.. mka. T 5 S R 9 : S 20 B T. No other trees within limits; raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, aspen saplings. Good grass for grazing. Mountainous or heavily timbered land; or land covered with dense undergrowth, 80.00 ohs.
40.00	N. 89° 45' E., on a random line bet. secs. 16 and 21. Set temp. $\pm$ sec.cor.
80.20	Intersect N. and S. line, 23 lks. N. of the cor. of secs. 15, 16, 21, and 22. Thence I run $\swarrow$ S. 89° 55' W., on a true line bet. secs. 16 and 21. Over mountainous land; through dense aspen saplings.

## Subdivision of T.5 S., R.9 W.-Continued

No.	Desc.
15.00	Bottom of hollow, 400 ft. below sec.cor., course N.60°E. Asc.
15.50	Leave dense aspen saplings and enter scattering aspen saplings and buck brush, bears N.60°E. and S.60°W.
40.10	Set a sandstone, 20x10x4 ins., 15 ins. in the ground, for sec.cor.. m.kd. $\frac{1}{2}$ on N. face; from which Aspinon pine, 12 ins. dia., bears S.15°W., 75 lks. dist.. m.kd. $\frac{1}{2}$ S 21 B T.
45.00	No other tree within limits; raise a mound of stone, 2 ft. base, 12 ft. high, N. of cor.
45.50	Top of ridge, 700 ft. above hollow, bears N.60°E. and S.60°W. Desc.
80.20	The cor.of secs.16,17,20, and 21, (850 ft. below ridge) Land, mountainous. Soil, gravelly; 3rd rate. No timber.
	Undergrowth, aspen saplings and buck brush. Good grass for grazing. Men: tainous land, or land covered with dense undergrowth, 80.20 acr.
	July 16, 1904:
	July 17, 1904: At 7 h 2 m a.m., I.m.t., I set off 40°03'N., on the lat.arc; 21°15'N., on the decl.arc; and determine a mer. with the solar, at the cor.of secs.16,17,20, and 21. hence I run
	N.C°3'W., bet. secs.16 and 17.
	Over mountainous land; through dense undergrowth of sage brush.
	Desc.
4.00	Foot of descent, 50 ft. below sec.cor., bears NE and SW. Enter bottom of Timber Canon. Leave sage brush and enter dense willows, bears NE and SW.

## Subdivision of T. 5 S R 9 W Continued

Chs.	
8.00	Creek, 15 lks. wide, 3 ins. deep, moderate current, clay bottom, course NE.
11.00	Leave willows and enter dense sage brush, bears NE and SW.
18.00	Leave canon, bears NE and SW. Leave undergrowth and enter scattering pinon pine and cedar timber, bears NE and SW.
Asc.	
39.00	Top of spur, 500 ft. above canon, bears N. 70° W. and S. 70° E.
Desc.	
40.00	Set a limestone, 16x14x3 ins., 11 ins. in the ground, for sec. cor.. mkd. $\frac{1}{2}$ on W. face; from which  An aspen, 4 ins. dia., bears E., 25 lks. dist., mkd. $\frac{1}{2}$ S 16 B T.  An aspen, 3 ins. dia., bears S. 20° W., 25 lks. dist.. mkd. $\frac{1}{2}$ S 17 B T.
75.00	Bottom of hollow, 200 ft. below ridge, course S. 70° E.
Asc.	
80.00	Set a quartzite stone, 18x10x4 ins., 12 ins. in the ground, for cor. of secs .8,9,16, and 17, mkd. with 4 notches on S. and E. edges; from which  A pinon pine, 13 ins. dia. bears N. 35° E., 15 lks. dist.. mkd. T 5 S R 9 W S 9 B T.  A pinon pine, 16 ins. dia., bears S. 35° E., 70 lks. dist.. mkd. T 5 S R 9 W S 16 B T.  A mahogany, 4 ins. dia., bears S. 44° W., 60 lks. dist.. mkd. T 5 S R 9 W S 17 B T.  A mahogany, 5 ins. dia., bears N. 40° W., 40 lks. dist.. mkd. T 6 S R 9 W S 8 B T.
Land, mountainous and level.	
	Soil, gravelly and clay loam and rocky; 2nd and 4th rate. Timber, pinon pine and cedar. Undergrowth, sage brush, willows, and mahogany. Good grass for grazing.

## Subdivision of T 5 S R 9 W -Continued

- Chs. Mountainous land, or land covered with dense undergrowth,  
80.00 chs.
- 
- N. 89° 55' E., on a random line bet. secs. 9 and 16.  
40.00 Set temp. at sec. cor.  
80.08 Intersect N. and S. line, 14 lks. N. of the cor. of secs.  
9, 10, 15, and 16.  
Thence 1 run  
N. 89° 59' W., on a true line bet. secs. 9 and 16.  
Over mountainous land; through dense undergrowth.  
Asc.  
17.00 Bottom of hollow, 50 ft. above sec. cor., course S. 20° E.  
Asc.  
24.00 Top of spur, 800 ft. above hollow, bears N. 30° W. and S. 30° E.  
Desc. through scattering timber.  
32.00 Bottom of hollow, 150 ft. below ridge, course S. 30° E.  
Asc.  
40.04 Top of spur, 125 ft. above hollow, bears N. 20° W. and S. 20° E.  
Set a sandstone, 24x10x6 ins., 18 ins. in the ground, for  
sec. cor. mka.  $\pm$  on N. face; from which  
A magogany, 7 ins. dia., bears N. 10° W., 30 lks.  
dist. mka.  $\pm$  S 9 B E.  
A pinon pine, 12 ins. dia., bears S. 80° W., 35 lks.  
dist. mka.  $\pm$  S 16 B T.  
Desc.  
42.00 Bottom of hollow, 75 ft. below ridge, course S. 20° E.  
Asc.  
72.00 Top of ridge, 100 ft. above hollow, bears N. 30° W. and S. 30° E.  
Desc.  
80.08 The cor. of of secs. 8, 9, 16, and 17. (200 ft. below ridge.)  
Land, mountainous.

## Subdivision of T. 5 S., R. 9 W.-Continued.

Chs.	Soil, gravelly; 3rd rate. Timber, pinon pine and cedar. Undergrowth, sage brush and mahogany. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.08 chs.
	N. 0° 3' W., bet. secs. 8 and 9. Over mountainous land; through scattering timber. Asc.
1z.00	Enter ledges, bears E. and W.
19.00	Leave ledges, bears E. and W.
22.00	Top of ridge, 1000 ft. above sec.cor., bears E and W. Leave cedar and pinon pine timber and enter heavy red pine timber, bears E. and W.
	Desc.
40.00	A red pine, 10 ins. dia., for $\frac{1}{4}$ sec.cor., I mark with $\frac{1}{4}$ S 8 on W. side, 9 on E. side ; from which A red pine, 11 ins. dia., bears N. 88° E., 78 lks. dist.. mkd. $\frac{1}{4}$ S 9 B T.
	A red pine, 8 ins. dia., bears N. 69° W., 63 lks. dist.. mkd. $\frac{1}{4}$ S 8 B T.
60.00	Bottom of hollow, 200 ft. below ridge, course S. 70° E. Leave timber and enter aspen saplings, bears N. 70° W. and S; 70° E. Asc.
76.00	Leave undergrowth, bears E. and W.
80.00	Top of ridge, 300 ft. above hollow, bears NW and SE. Set a sandstone, 15x8x6 ins., 10 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, mkd. with 5 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous.

## Subdivision of T.5S R 9 W -Continued.

- Chs. Soil, gravelly and rocky; 3rd and 4th rate.  
 Timber, pinon pine, red pine, cedar, and aspen.  
 Undergrowth, aspen saplings...  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered  
 with dense undergrowth, 80.00 chs.  
 July 17, 1904: At this cor. I set off 21° 12' N., on the decl.  
 arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the  
 mer. the resulting lat. is 40° 05' N., which is the proper  
 lat. nearly.
- 
- ✓
- S. 89° 59' E., on a random line bet. secs. 4 and 9.  
 40.00 Set temp.  $\frac{1}{2}$  sec.cor.  
 80.22 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
 3, 4, 9, and 10.  
 Thence I run  
 West, on a true line bet. secs. 4 and 9.  
 Over mountainous land; through heavy timber.  
 Asc.  
 10.00 Leave heavy and enter scattering timber, bears N. 70° E. and  
 S. 70° W.  
 12.00 Top of ridge, 300 ft. above sec.cor. bears N. 70° W. and S.  
 70° E.  
 Desc.  
 20.00 Head of swale, 150 ft. below ridge, course S.  
 Asc.  
 28.00 Top of ridge, 100 ft. above swale, bears N. and S. Desc.  
 40.11 Set a sandstone, 18x8x6 ins., 12 ins. in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
 A balsam, 16 ins. dia., bears N. 85° E., 200 lks.  
 dist.. mkd.  $\frac{1}{2}$  S. 4 B T.  
 A balsam, 7 ins. dia., bears S. 30° E., 85 lks.  
 dist.. mkd.  $\frac{1}{2}$  S. 9 B T.  
 45.00 Bottom of swale, 300 ft. below ridge, course S.

## Subdivision of T. 5 S., R. 9 W. Continued.

Chs.	Asc.
61.50	Enter aspen saplings, bears N. and S.
65.00	Leave aspen saplings, bears N. and S.
80.22	The cor. of secs. 4, 5, 8, and 9. (300' ft. above swale.) Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, aspen-saplings. Good grass for grazing. Mountainous or heavily timbered land, 80.22 chs.
	N. 0° 3' W., on a true line bet. secs. 4 and 5. Over mountainous land; through scattering undergrowth, Asc.
5.00	Top of divide ridge bet. Timber Canon and canon on north, 100ft. above sec. cor., bears N. 60° E. and SW. Desc.
15.00	Enter heavy timber, bears E. and W.
20.00	Leave green timber and enter dead timber, bears E. and W.
40.00	Set a shalestone, 16x10x6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
61.00	Leave dead timber, bears E. and W.
61.25	Bottom of hollow, 500 ft. below sec. cor., course NE Asc.
80.02	Intersect 1st Standard Parallel South, 18.86 chs. East of the standard cor. of secs. 32 and 33, which is a sandstone, 6x12x7 ins., above ground, firmly set, and mkd. and witnessed as described by Deputies H. D. Page and B. S. Kershaw. Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for closing cor. of secs. 4 and 5, mkd. C. C. on S., with 4 grooves on E and 2 grooves on W. faces; and raise a mound of stone,

## Subdivision of T.5 S. R.9 W.-Continued.

- Chs. 2 ft. base,  $1\frac{1}{2}$  ft. high, S. of cor.  
 Land, mountainous.  
 Soil, gravelly. 3rd rate.  
 Timber, pine and aspen.  
 Good grass for grazing.  
 Undergrowth, sage brush.  
 Mountainous or heavily timbered land, 80.02 chs.

July 17, 1904.

July 18, 1904: At 7 h 2 m a.m., l.m.t., 1 set off  $40^{\circ} 00' N.$ , on the lat. arc;  $21^{\circ} 4' N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 5, 6, 31, and 32, on S.bdy. of Tp., heretofore described.

Thence I run

$N.0^{\circ} 4' W.$ , bet. secs. 31 and 32.

Over mountainous land; through scattering undergrowth.

Asc.

40.00 Set, a sandstone,  $16 \times 18 \times 3$  ins., 11 ins. in the ground, for  $\frac{1}{4}$  section corner; marked with  $\frac{1}{4}$  on W. face; dig pits,  $18 \times 18 \times 12$  ins. N. and S. of stone, 3 ft. dist.; and raise a mound of earth,  $5\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

57.00 Top of ridge, 500 ft. above sec. cor., bears N.  $60^{\circ}$  W. and S.  $60^{\circ}$  E.

Desc.

71.20 Head of swale, 40 ft. below ridge, course E.

Asc.

80.00 Point 400 ft. above swale.

Set a sandstone,  $20 \times 20 \times 5$  ins., 15 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, mkd. with 1 notch on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

land, mountainous.

Soil, gravelly; 3rd rate.

## Subdivision of T 5S R 9 W -Continued

Chs.	No timber.  Undergrowth,sage ,buck, and deer brush.  Good grass for grazing.  Mountainous land,80.00 chs.
	N., $89^{\circ} 58' E.$ ,on a random line bet.secs.29 and 32.
40.00	Set temp. $\frac{1}{2}$ sec.cor.
80.00	Intersect N.and S.line,5 lks.N.of the cor.of secs. 28,29,32, and 33.
	Thence I run West, on a true line bet.secs.29 and 32.
	Over mountainous land;through dense sage brush.
	Asc.
1.00	Leave sage and enter dense aspen saplings,bears NW and S
14.00	Leave aspen saplings and enter dense sage brush;bears N. and S.
20.00	Top of ridge,100 ft.above sec.cor.,bears NW and SE. Desc.
40.00	Set a sandstone,20x16x6 ins.,15 ins.in the ground,for $\frac{1}{2}$ sec.cor..mkd. $\frac{1}{2}$ on N.face;and raise a mound of stone, $\frac{1}{2}$ ft.base, $1\frac{1}{2}$ ft.high,N.of cor.
42.50	Bottom of hollow,150 ft.below spur,course S. $20^{\circ}$ E. Asc.
61.00	Top of ridge,300 ft.above hollow,bears NW and SE. Desc.
70.00	Head of hollow,50 ft.below ridge,course S. $30^{\circ}$ E. Asc.
80.00	The cor.of secs.29,30,31, and 32. Land,mountainous. Soil,gravelly;3rd rate. No timber. Undergrowth,sage brush and aspen saplings. Good grass for grazing.

## Subdivision of T. 5 S., R. 9 W. -Continued.

- Chs. Mountainous land, or land covered with dense undergrowth,  
80.00 chs.
- S. 89° 58' W., on a random line bet. secs. 30 and 31.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 77.20 Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs.  
25, 30, 31 and 36, heretofore described.  
Thence I run  
N. 89° 56' E., on a true line bet. secs. 30 and 31.  
Over mountainous land; through scattering timber.  
Desc.  
14.40 Bottom of hollow, 300 ft. below sec. cor., course N.  
Asc.  
28.60 Top of ridge, 300 ft. above hollow, bears N. and S.  
Desc. through scattering undergrowth.  
37.20 Set a sandstone, 18x14x4 ins., 12 ins. in the ground, for  
sec. cor. mkd.  $\frac{1}{4}$  on N. face; from which  
An aspen, 3 ins. dia., bears N. 10° E., 35 lks.  
dist. mkd.  $\frac{1}{4}$  S 30 B T.  
An aspen, 3 ins. dia., bears S. 50° W., 60 lks.  
dist. mkd.  $\frac{1}{4}$  S 31 B T.  
45.50 Bottom of hollow, 300 ft. below ridge, course N.  
Asc.  
70.00 Top of divide ridge bet. Timber Canon and west fork of  
Avintquin Canon, bears N. 80° E. and SW.  
Leave timber, bears N. 80° E. and SW.  
Desc.  
77.20 The cor. of secs. 29, 30, 31, and 32.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and aspen.  
Undergrowth, sage brush and aspen saplings.

*to connect  
into page 3*

## Subdivision of T 5 S R 9 W -Continued

- Chs. Good grass for grazing.  
Mountainous land, 77.20 chs.
- July 18, 1904: At this cor. I set off  $21^{\circ}01'N.$ , on the decl. arc; and at 0 h 2 m ppm., l.m.t., I observe the sun on the mer. the resulting lat. is  $40^{\circ}01'N.$ , which is the proper lat. nearly.
- N.  $0^{\circ}4'W.$ , bet. secs. 29 and 30.  
Over mountainous land; through dense undergrowth.  
Asc.
- 2.50 Top of divide ridge bet. Timber Canon and west fork of Avintaquin Canon, 25 ft. above sec. cor., bears N.  $60^{\circ}E.$  and S.  $60^{\circ}W.$   
Desc.
- 30.50 Bottom of hollow, 400 ft. below ridge, course N.  $10^{\circ}E.$   
Enter scattering timber, bears with hollow.  
Asc.
- 40.00 Set a sandstone, 15x12x10 ins. 10 ins. in the ground, for sec. cor., mkd.  $\frac{1}{2}$  on W. face; from which  
An aspen, 4 ins. dia., bears S.  $80^{\circ}E.$ , 30 lks.  
dist. mkd.  $\frac{1}{2}$  S 29 B T.  
An aspen, 3 ins. dia., bears N.  $10^{\circ}W.$ , 50 lks.  
dist. mkd.  $\frac{1}{2}$  S 30 B T.
- 60.00 Top of ridge, 50 ft. above hollow, bears N.  $5^{\circ}E.$  and S.  $5^{\circ}W.$   
Desc.
- 60.00 Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for cor. of secs. 19, 20, 29, and 30; mkd. with 2 notches on S. and 5 notches on E. edges; from which  
An aspen, 4 ins. dia., bears N.  $35^{\circ}E.$ , 80 lks.  
dist. mkd.  $\frac{1}{2}$  T 5 S R 9 W S 20 B T.  
An aspen, 5 ins. dia., bears S.  $60^{\circ}E.$ , 50 lks.  
dist. mkd. T 5 S R 9 W S 29 B T.  
An aspen, 4 ins. dia., bears S.  $80^{\circ}W.$ , 60 lks.  
dist. mkd. T 5 S R 9 W S 30 B T.

## Subdivision of T 5S R 9W -Continued.

- Chs. An aspen, 3 ins. dia., bears N. 75° W., 65 lks.  
dist..mkd.T. S S R. E W S 19 BT.
- Land, mountainous.
- Soil, gravelly; 3rd rate.
- Timber, pinon pine and aspen.
- Undergrowth, aspen saplings and sage brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth,  
80.00 chs.
- 
- Exact, on a random line bet. secs. 20 and 29.
- 40.00 Set temp., sec.cor.
- 79.80 Intersect N. and S. line, 14 lks. N. of the cor. of secs.  
20, 21, 28, and 29.  
Thence 1 run  
N. 89° 54' W., on a true line bet. secs. 20 and 29.  
Over mountainous land; through dense aspen saplings.  
Desc.
- 4.50 Bottom of hollow, 100 ft. below sec.cor., course N. 30° W.  
Enter heavy pine and aspen timber, bears with hollow.  
Asc.
- 25.00 Top of ridge, 200 ft. above hollow, bears N. 20° E. and S.  
20° W.  
Leave heavy timber bears with ridge.  
Desc. Enter scattering timber.
- 39.90 Set a sandstone, 20x18x4 ins., 15 ins. in the ground, for  
a sec.cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
An aspen, 4 ins. dia., bears N. 75° W., 75 lks.  
dist..mkd.  $\frac{1}{2}$  S 20 B T.
- An aspen, 4 ins. dia., bears S. 30° W., 41 lks.  
dist..mkd.  $\frac{1}{2}$  S 29 B T.
- 65.00 Bottom of hollow, 500 ft. below ridge, course NW.  
Asc.
- 78.80 Top of ridge, 150 ft. above hollow, bears N. and S.

## Subdivision of T.5 S., R.9 W., Continued.

Ohs.	Desc.
79.80	The cor.of secs.19,20,29, and 30. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, aspen saplings. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.80 chs.
	July 18, 1904.
	July 19, 1904: At 7 h 2 m a.m., l.mt., I set off $40^{\circ} 02' N.$ , on the lat.arc; $20^{\circ} 54' N.$ , on the decl.arc; and determine a mer. with the solar, at the cor.of secs.19,20,29, and 30. Thence I run $S.89^{\circ} 56' W.$ , on a random line bet.secs.19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
77.18	Intersect W.bdy. of T., 10 lks.S. of the cor.of secs. 19,24,25, and 30, heretofore described. Thence I run East, on a true line bet.secs.19 and 30. Over mountainous land; through scattering timber. desc.along side of ridge.
31.50	Creek, 2 lks.wide, 2 ins.deep, in bottom of hollow, 200 ft below cor.course SE. Asc.
36.00	Top of spur, 50 ft. above hollow, bears $N.80^{\circ} W.$ and $S.80^{\circ} E.$ Desc.
37.18	Set a sandstone, 18x16x5 ins., 12 ins.in the ground, for $\frac{1}{4}$ sec.cor.. mkd. $\frac{1}{4}$ on N.face; from which A red pine, 12 ins.dia.; bears $N.40^{\circ} W.$ , 130 lks. dist.., mkd. $\frac{1}{4}$ S 19B T. A red pine, 12 ins.dia.; bears $S.70^{\circ} W.$ , 128 lks.

## Subdivision of T 5 S .R.9 W =Continued

- Chs. dist., mdk. #S 30, B T.
- 57.00 Foot or descent, enter bottom of Timber Canon, 200 ft below ridge, bears NE and SW.  
Leave timber and enter dense willows, bears NE and SW..
- 57.75 Creek, 15 lks. wide, 3 ins. deep, course NE .
- 58.20 Same Creek, 15 lks. wide, course SE.
- 58.75 Same Creek, 15 lks. wide, course NE ..
- 59.85 Leave canon bottom,bears NE and SW.  
Leave undergrowth and enter scattering timber,bears NE and SW.  
Asc.
- 77.16 The cor. of secs. 19, 20, 29, and 30. (200 ft. above canon)  
Land, mountainous and level.  
Soil, gravelly and clay loam; 2nd rate.  
Timber, pinon pine, cedar, and aspen.  
Undergrowth, willows.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth, 77.16 chs.
- 
- W. 6° 4' W., bet. secs. 19 and 20.  
Over mountainous land; through dense aspen saplings .  
Desc.
- 15.00 Creek, 5 lks. wide, 3 ins. deep, in bottom of hollow, 200 ft. below sec. cor., course N. 80° W.  
Continue descent.
- 15.25 Leave aspen saplings, bears N. 80° W. and S. 80° E.
- 25.00 Creek, 20 lks. wide, 6. ins. deep, in bottom of Timber Canon, 20 ft. below hollow, course NE.  
Asc.
- 37.00 Top of spur, 150 ft. above canon, projects E. .  
Desc.
- 40.00 Set a sandstone, 15x12x10 ins., 10 ins. in the ground, for

## Subdivision of T.5 S., R 9 W -Continued.

Ohs.	$\frac{1}{2}$ sec.cor..mkd. $\frac{1}{2}$ on W.face; and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$ ft.high,W.of cor.
44.00	Bottom of hollow, 80 ft. below spur, course S.60° E. Asc.
76.00	Top of spur, 300 ft. above hollow, bears N.60° W. and S.60° E. Desc.through scattering timber.
80.00	Set a sandstone, 18x12x4 ins., 12 ins.in the ground, for cor.of secs.17,18,19, and 20,mkd.with 3 notches on S. and 5 notches on E.edges; from which  A red pine, 6 ins.dia., bears N.20° E., 90 lks. dist..mkd.T 5 S R 9 W S 17 B T.  A red pine, 8 ins.dia., bears S.86° E., 40 lks. dist..mkd.T 5 S R 9 W S 20 B T.  A red pine, 10 ins.dia., bears S.4° 15' W., 150 lks.dist..mkd.T 5 S R 9 W S 19 B T.  A red pine, 10 ins.dia., bears N.5° 45' W., 105 lks.dist..mkd.T 5 S R 9 W S 18 B T. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, aspen saplings., Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 ohs.
40.00	S.89° 54' E., on a random line betsecs.17 and 20. Set temp. $\frac{1}{2}$ - sec.cor.
79.98	Intersect N.and S.line, 13 lks.S. of the cor.of secs. 16,17,20, and 21.) Thence 1 run West, on a true line betsecs.17 and 20. Over mountainous land; through dense sage brush. Desc.

## Subdivision of T. 5 S., R. 9 W.-Continued.

Chs.

7.00 Foot of descent, 80 ft. below sec.cor., bears NE and SW.

Leave sage and enter dense willows, bears NE and SW.

Enter bottom of Timber Canon.

11.00 Creek, 30 lks. wide, 5 ins. deep, clay bottom, moderate current, course N. 50° E.

13.00 Leave willows and enter dense sage brush and service berry brush, bears NE and SW.

13.20 Leave canon bottom, bears NE and SW.

Asc.

30.00 Top of spur, 500 ft. above canon, bears N. and S.

Enter scattering timber, bears N. and S.

Desc.

30.99 Set a sandstone, 18x8x6 ins., 12 ins. in the ground, for  
sec.cor.. mkd. at on N. face; from whichA pinon pine, 12 ins. dia., bears N. 30° W., 34 lks.  
dist.. mkd. at S 17. B T..A pinon pine, 4 ins. dia., bears S. 62° W., 50 lks.  
dist.. mkd. at S 20. B T..67.50 Creek, 8 lkr. wide, 3 ins. deep, in bottom of hollow, 300 ft.  
below ridge, course S. 60° E.

Acc.

68.00 Enter fallen dead timber, bears NW and SE.

79.28 The cor. of secs. 17, 18, 19, and 20.

Land, mountainous and level.

Soil, gravelly and clay loam and white clay; 2nd and 3rd rate.  
Timber, pine and cedar.

Undergrowth, sage and service berry brush and willows.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth,  
79.98 chs.July 19, 1904: At this cor. I set off 20° 50' N., on the decl.  
arc; and at 0 hr m p.m., l.m.t., I observe the sun on the  
mer. the resulting lat. is 40° 03' N., which is the proper  
lat. nearly.

## Subdivision of T. 5 S. R. 9 W. Continued.

Chs.

West, on a random line bet. secs. 18 and 19.

40.00 Set temp.  $\frac{1}{2}$  sec. cor.

77.15 Intersect W. bdy. or Tp., 10 lks. South of the cor. of secs. 13, 18, 19, and 24, heretofore described.

Thence I run

S. 89° 56' E., on a true line bet. secs. 18 and 19.

Over mountainous land; through scattering timber.

Desc. along side of ridge.

20.00 Top of ridge, 400 ft. below sec. cor., bears N. 80° W. and S. 80° E.

Desc.

37.15 Set a limestone, 20x14x3 ins., 15 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from whichAn. aspen, 5 ins. dia., bears N. 75° E., 20 lks.  
dist.. mkd.  $\frac{1}{2}$  S 18-B T.An. aspen, 3 ins. dia., bears S. 15° E., 25 lks.  
dist.. mkd.  $\frac{1}{2}$  S 19-B T.Enter dense undergrowth and fallen dead timber, bears  
NW and SE.77.15 The cor. of secs. 17, 18, 19, and 20. (800 ft. below ridge.)  
Land, mountainous.

Soil, gravelly; 3rd rate.

Timber, pine and aspen..

Undergrowth, sage, service berry, buck, and deer brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth,  
77.15 chs.

N. 6° 4' W., bet. secs. 17 and 18.

Over mountainous land; through dense undergrowth and  
scattering timber.

Desc.

## Subdivision of T.5 S. R.9 W. Continued.

Chs.	Desc.
8.00	Creek, 5 lks. wide, 3 ins. deep, in bottom of hollow, 200 ft. below sec. cor., course S.60° E. Asc. abruptly.
22.80	Top of spur, 300 ft. above canon, bears NW and SE. Desc.
30.00	Bottom of hollow, 300 ft. below ridge, course SE. Asc. over shale ledges.
40.00	Point for 2 sec. cor. falls on shale ledges subject to slide, therefore at
46.35	Top of ledges, bears N.60° W. and S.60° E. Set a sandstone, 20x14x3 ins., 16 ins. in the ground, for witness cor. to 2 sec. cor. mkd. W C 2 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
54.80	Top of ridge, 1200 ft. above hollow, bears NW and SE. Desc.
80.00	Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, mkd. with 4 notches on S. and 5 notches on E. edges; from which
	An aspen, 6 ins. dia., bears N.30° E., 150 lks. dist. mkd. T 5 S R 9 W S 8 B T.
	A red pine, 14 ins. dia., bears S.65° E., 200 lks. dist. mkd. T 5 S R 9 W S 17 B T.
	A red pine, 20 ins. dia., bears S.45° W., 200 lks. dist. mkd. T 5 S R 9 W S 18 B T.
	An aspen, 10 ins. dia., bears N.25° W., 175 lks. dist. mkd. T 5 S R 9 W S 7 B T.
	Land, mountainous, very rough.
	Soil, gravelly and rocky; 3rd and 4th rate.
	Timber, pine and aspen.
	Undergrowth, sage, service berry, and deer brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 Chs.

## Subdivision of T.5 S., R.9. W. Continued

Chs.	
	East, on a random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
79.76	Intersect N. and S. line, 19 lks. S. of the cor. of secs. 8, 9, 16, and 17. Thence I run S. $89^{\circ} 52' W.$ , on a true line bet. secs. 8 and 17. Over mountainous land; through heavy timber. Desc. over ledges.
8.00	Bottom of hollow, 150 ft. below sec. cor., course S. $30^{\circ} E.$ Asc.
32.00	Top of spur, 400 ft. above hollow; bears N. $40^{\circ} E.$ and S. $40^{\circ} W.$ . Desc.
32.50	Leave heavy and enter scattering timber, bears N. and S.
39.88	Set a sandstone, 20x15x3 ins., 15 ins. in the ground, for sec. cor. mkd. $\frac{1}{2}$ on N. face; and raise a mound or stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
45.00	Bottom of hollow, 300 ft. below ridge, course SE. Asc. along side of hollow.
79.76	The cor. of secs. 7, 8, 17, and 18. Land, mountainous. Soil, gravelly loam; and white clay; 2nd and 3rd rate. Timber, pinon pine, red pine, and cedar. Good grass for grazing. Mountainous or heavily timbered land, 79.76 chs.

July 18, 1904.

July 20, 1904: At 7 h 2 m a.m., l.m.t., I set off  $40^{\circ} 04' N.$ ,  
on the lat. arc  $20^{\circ} 43' N.$ , on the decl. arc; and determine a  
mer. with the solar, at the cor. of secs. 7, 8, 17, and 18.  
Thence I run  
N.  $89^{\circ} 56' W.$ , on a random line bet. secs. 7 and 18.  
40.00 Set temp.  $\frac{1}{2}$  sec. cor.

## Subdivision of T.5 S., R.9 W.-Continued.

- Chs.
- 77.26 Intersect W.bdy.or Tp.,14 lks.S.of the cor.or secs.  
7,12,13, and 18.here to ore described.  
Thence I run  
S.89° 50'E.,on a true line bet.secs.7 and 18.  
Over mountainous land;through scattering timber .  
Desc.
- 23.50 Bottom of canon,600 ft.below sec.cor.,course S.  
Asc.
- 37.26 Set a sandstone,18x9x5 ins.,12 ins.in the ground,for  
sec.cor.,mkd. on N.face;and raise a mound or stone,  
2 ft.base,1 $\frac{1}{2}$  ft.high,N.of cor.
- 60.25 Top of ridge,800 ft.above hollow,bears N.20° W.and S.20° E.  
Desc.
- 77.26 The cor.of secs.7,8,17, and 18.(400 ft.below ridge,)  
Land,mountainous.  
Soil,gravelly;3rd rate.  
Timber,pine and aspen.  
Good grass for grazing.  
Mountainous land,77.26.chs.
- 
- N.0° 4' W.,bet.secs.7 and 8.  
Over mountainous land;through dense undergrowth .  
Desc.
- 2.00 Enter heavy aspen timber,bears E.and W.  
4.00 Bottom of hollow,50 ft,below sec.cor.,course E.  
Asc.
- 6.00 Leave timber,bears E.and W.  
40.00 Top of ridge,500 ft.above hollow,bears N.60° W.and S.80° E.  
Set a sandstone,18x10x3 ins.,12 ins.in the ground,for  
sec.cor..mkd. on W.face;from which  
An aspen,6 ins.dia.,bears S.75° E.,200 lks.  
dist..mkd. on S B T.

	Subdivision of T 5 S. R 9 W Continued
Chs.	No other tree within limits; dig pits, 18x18x12 ins., N. and S. of stone, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Desc.
70.00	Bottom of hollow, 150 ft. below sec. cor., course N. 80° E. Asc.
80.00	Set a sandstone, 18x12x3 ins., 12 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, mkd. with 5 notches on S. and E. edges; from which An aspen, 4 ins. dia., bears N. 47° E., 70 lks. dist.. mkd. T 5 S R 9 W S 5 B T. An aspen, 12 ins. dia., bears S. 18° E., 30 lks. dist.. mkd. T 5 S R 9 W S 8 B T. An aspen, 9 ins. dia., bears S. 80° W., 45 lks. dist.. mkd. T 5 S R 9 W S 7 B T. An aspen, 6 ins. dia., bears N. 67° W., 200 lks. dist.. mkd. T 5 S R 9 W S 6 B T. Land, mountainous. Soil, gravelly; 3rd rate. Timber, aspen. Undergrowth, sage, deer, and buck brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
40.00	N. 89° 52' E., on a random line bet. secs. 5 and 8. Set temp. $\pm$ sec. cor.
79.70	Intersect N. and S. line, 14 lks. S. of the cor. of secs. 4, 5, 8, and 9. Thence I run S. 89° 46' W., on a true line bet. secs. 5 and 8. Over mountainous land; through scattering undergrowth. Asc.

## Subdivision of T. 5 S., R. 9 W. Continued.

- Chs.
- 4.00 Top of divide ridge bet. Timber Canon and canon on N.,  
50 ft. above sec.cor., bears NE and SW.  
Desc.
- 12.00 Enter fallen dead timber, bears N. and S.
- 20.00 Bottom of hollow, 300 ft. below ridge, course N.  
Asc.
- 32.00 Top of spur, 200 ft. above hollow, bears N. and S.  
Leave dead timber and enter scattering pine and aspen,  
bears N. and S.  
Desc.
- 39.85 Set a sandstone, 16x10x8 ins., 11 ins. in the ground, for  
 $\frac{1}{4}$  sec.cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
A red pine, 4 ins. dia., bears N. 25° W., 35 lks.  
dist.. mkd.  $\frac{1}{4}$  S 5 B T.  
A red pine, 11 ins. dia., bears S. 15° W., 40 lks.  
dist.. mkd.  $\frac{1}{4}$  S 8 B T.
- 53.00 Bottom of hollow, 250 ft. below ridge, course N. 20° E.  
Asc.
- 79.70 The cor. of secs. 5, 6, 7, and 8, (500 ft. above hollow,) .  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pinon pine and red pine and aspen.  
Undergrowth; sage and deer brush.  
Good grass for grazing.  
Mountainous land, 79.70 chs.
- July 20, 1904: At the noon hour the sky is overcast and  
solar observations are impossible.
- 
- N. 89° 50' E., on a random line bet. secs. 6 and 7.
- 40.00 Set temp.  $\frac{1}{4}$  sec.cor..
- 77.36 Intersect W. bdy. of Tp., 12 lks. S. of the cor. of secs.  
1, 6, 7, and 12, heretofore described.

## Subdivision of T. 5 S., R. 9 W.-Continued.

- |      |  |
|------|--|
| Chs. | Thence I run<br>S. 88° 45' E., on a true line bet. secs. 6 and 7.<br>Over mountainous land; through scattering timber.<br>Asc.<br>1.00 Top of ridge, 10 ft. above sec. cor., bears N. 20° E. and S. 20°<br>W.<br>Desc.<br>17.00 Bottom of hollow, 500 ft. below ridge, course N. 20° E.<br>Asc.<br>25.00 Top of spur, 250 ft. above hollow, bears N. and S.<br>Desc. through heavy timber.<br>37.36 Bottom of hollow, 250 ft. below spur, course N.<br>An aspen, 13 ins. dia., for $\frac{1}{2}$ sec. cor.; I mark $\frac{1}{2}$ S 6 on N.<br>side, 7 on S side; from which<br>An aspen, 12 ins. dia., bears N. 50° W., 40 lks.<br>dist. mkd. $\frac{1}{2}$ S 6 B T.<br>An aspen, 8 ins. dia., bears S. 10° W., 25 lks.<br>dist. mkd. $\frac{1}{2}$ S 7 B T.<br>Asc.<br>52.00 Leave timber, bears N. and S.<br>70.00 Top of ridge, 700 ft. above hollow, bears N. 20° E. and S. 20° W.<br>Desc. scattering undergrowth.<br>75.00 Enter heavy timber, bears N. and S.<br>77.36 The cor. or secs. 5, 6, 7, and 8. (100 ft. below ridge.)<br>Land, mountainous.<br>Soil, gravelly; 3rd rate.<br>Timber, pine and aspen.<br>Undergrowth, sage and deer brush.<br>Mountainous or heavily timbered land, 77.36 chs.<br><br>E. C° 4' W., on a true line bet. secs. 5 and 6.<br>Over mountainous land; through heavy timber.<br>Asc. |
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## Subdivision of T.5 S., R.9 W.-Continued.

Chs.	
11.00	Top of ridge, 200 ft. above sec.cor., bears N.30°E. and S.30°W.
	Desc.
15.00	Leave live timber and enter fallen dead timber, bears NE and SW.
36.00	Bottom of hollow, 450 ft. below ridge, course N.60°W. Leave dead timber and enter scattering timber, bears with hollow.
	Asc.
40.00	Set a sandstone, 18x15x3 ins., 12 ins in the ground, for sec.cor.. mkd. on W. face; from which A red pine, 8 ins. dia., bears S.10°E. 114 lks. dist.. mkd. S 5 B T. A red pine, 10 ins. dia., bears S.40°W., 104 lks. dist.. mkd. S 6 B T.
49.00	Top of spur, 200 ft. above hollow, bears N.60°W. and S.60°E. Enter heavy timber, bears with spur.
	Desc.
54.00	Leave live timber and enter dead timber, bears N.60°W. and S.60°E.
58.00	Bottom of hollow, 200 ft. below spur, course N.60°W. Leave dead timber.
	Asc.
74.50	Top of spur, 200 ft. above hollow, bears NW and SE. Enter dead timber, bears with spur,
	Desc.
80.48	Intersect 1st Standard Parallel South, 18.23 chs. East of the Standard Cor. of secs. 31 and 32, which is a sandstone, 6x10x4 ins., above ground, formerly set, and mkd. and witnessed as described by Deputies H.D. Page and B.S. Kershaw. Set a quartzite stone, 18x11x5 ins., 12 ins. in the ground, for closing cor. of secs. 5 and 6, mkd. with C C on S., and 5 grooves on E. and 1 groove on W. faces; dig pits, 24x18x12 ins. crosswise on each line, E. and W., 3 ft. and S. of stone,

## Subdivision of T. 5 S., R. 9 W. Continued.

Chs. 7 ft. dist.,; and raise a mound of earth, 4 ft. base, 2 ft. high,  
S. of cor.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and aspen.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.48 chs.

July 20, 1904.

#### GENERAL DESCRIPTION.

This entire township is very rough and mountainous. Timber Canon, which runs through the township from southwest to northeast, is from 1200 ft. to 2000 ft. below the divide ridges on either side, and the side canons are very deep and narrow. The soil, in general, is white clay and gravelly; 3rd rate; but there is some clay loam in the bottom of Timber Canon, and also considerable rocky and ledgy ground; 4th rate. The creek in Timber Canon has an average width of 15 lks. and an average depth of 5 ins. This creek runs through the township from southwest to northeast. There are also several other small streams and springs, affording altogether plenty of water for grazing purposes. There is timber in nearly all parts of the township; red pine, aspen, pinon pine, and cedar. Red pine predominating. Some timber has been taken out of the southwest part of the township; but most of the timber is inaccessible. Forest fires have destroyed much valuable timber in different parts of the township. Sage brush, deer brush, buck brush, service berry brush, and

Subdivision of T 5 S R 9 W -Continued

aspen saplings, are found in considerable abundance all over the township.

There are no settlers in the township.

There is no mineral in the township.

It is mainly valuable for grazing purposes.

*Scott P. Stewart.*

U.S. Deputy Surveyor.

July 20, 1864.

**Volume**

**#**

**R0320**

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**PAGE**

**FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.****LIST OF NAMES.**

A list of the names of the individuals employed by .....  
 ..... United States Deputy Surveyor, to assist in running, measuring, and  
 marking the lines and corners described in the foregoing field notes of the survey of .....  
 wing the respective capacities in which they acted:

....., *Chainman.*  
 For final affidavits see book "Y" T.5 S.R.12 W. ...., *Chainman.*  
 ..... , *Moundman.*  
 ..... , *Moundman.*  
 ..... , *Axman.*  
 ..... , *Axman.*  
 ..... , *Flagman.*

**FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted .....  
 ..... United States Deputy Surveyor, in surveying all  
 se parts or portions of the .....  
 .....  
 ..... of the .....

..... meridian, ..... of ..... which are represented  
 he foregoing field notes as having been surveyed by him and under his direction; and that said survey  
 been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the  
 tier monuments established, according to the instructions furnished by the United States Surveyor  
 general for .....

For final affidavits see book "Y" T.5 S.R.12 W. ...., *Chainman.*  
 ..... , *Chainman.*  
 ..... , *Moundman.*  
 ..... , *Moundman.*  
 ..... , *Axman.*  
 ..... , *Axman.*  
 ..... , *Flagman.*

scribed and sworn to before me this ..... }  
 day of ..... , 190 }



**FINAL OATH OF UNITED STATES DEPUTY SURVEYOR**

Wissenschaften schafft. Es ist ein wissenschaftliches Projekt, das die gesamte Menschheit beschäftigt.

中華書局影印  
卷之三

Fig. 10. Effect of increasing concentration, part II.  
Effect of initial addition of tracer protein on percentage of

For more information about the study, please contact Dr. Michael J. Hwang at (319) 356-4000 or email at [mhwang@uiowa.edu](mailto:mhwang@uiowa.edu).

中華人民共和國農業部農業科學研究所編著《中國農業科學》

1996-1997 学年第二学期期中考试

occupying such districts as the city itself, and within any distance, and from any time when such all the interests of our country have been reorganized and regenerated as those contained in the name of the Republic, and the original contracts entered into by the United States Government.

卷之三

第六章 地圖的應用  
第六節 地圖的編製

10. The following table shows the number of hours worked by 1000 workers.

卷之三

• 10 •

同时，我们还必须看到，中国在发展过程中所面临的挑战和问题，以及由此带来的风险。

卷之三十一

「這就是我所說的『活』的。」他說：「這就是我所說的『活』的。」

新嘉坡市 市政局長 葉士高 市政局長 葉士高

1982-1983  
1983-1984

and the numerous continuing self-regulatory rules, the strict audit rules, and  
stricter than existing anti-bribery approach.

*John H. Dill*

I would like the Company to recognize that the right action will take place in due time.

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**PAGE**

333 ~~333~~

4-679.

BOOK A-320

FILED

JUN 10 1905

B  
CORRECTIVE FIELD NOTES  
TO BOOK "N" ORIGINAL FIELD NOTES  
OF THE SURVEY OF THE

SUBDIVISION

of

Township No. 5 South, Range No. 9 West,

Volume  
#  
R0320

Of the UNTAH SPECIAL BASE AND Meridian,

STATE OF UTAH

AS SURVEYED BY

ott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyors

their ~~xx~~ Contract No. 281, dated July 22, 1903., x~~xx~~x

vey commenced May 27, 1905., x~~xx~~x

vey completed May 27, 1905., x~~xx~~x

**NAMES AND DUTIES OF ASSISTANTS.**

John Kianke	Chainman
Archie Walton	Chainman
George W. Ekins.	Moundman
Quinby Stewart	Moundman
John P. Madsen	Axman
Richard Skousen	Axman
Wm. Burridge	Flagman

*For preliminary official use book 3, p. 55 Rev*

## BOOK A-320

## INDEX DIAGRAM.

*Township 5 South, Range 9 West*

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
3				3	2
31	32	33	34	35	36

*Meanders Page.....*

## PRELIMINARY OATHS OF ASSISTANTS.

WE, ..... and .....  
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will lay chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we are measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of .

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
....., Chas.



WE, ..... and .....  
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of .

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
....., Mou.



WE, ..... and .....  
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of ..... and other duties, according to instructions given us, to the best of our skill and ability, in the survey of .

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
....., A



I, ..... , do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of .

Subscribed and sworn to before me this ..... }  
day of ..... , 190 }  
....., Flag



Corrective Notes of  
Subdivision of T 5 S R 9 W

Chs. Survey commenced May 27, 1905, and executed with a Young and Sons light mountain transit, No. 7381, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs. The instrument was examined, tested on the meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on April 1, 1905.

At the cor. of secs. 23, 24, 25, and 26, latitude  $40^{\circ} 02' 01''$  N., longitude  $110^{\circ} 54' 10''$  W., I set off  $40^{\circ} 02'$  N., on the lat. arc;  $21^{\circ} 16'$  N., on the decl. arc; and at 7 h 2 m a.m., l.m.t., I determine a meridian with the solar.

Note: For complete test of instrument see notes of W. bdy. T. 7 S. R. 7 W.

Note: In visiting the corners in this township some of the bearing trees were found to be incorrectly described; the correct descriptions follow:

For the cor. of secs. 23, 24, 25, and 26.

Same stone, from which

A red pine, 24 ins. dia., bears N.  $49^{\circ} 30'$  E., 39 lks. dist.. mkd. T 5 S R 9 W S 24 B T.

A red pine, 18 ins. dia., bears S.  $69^{\circ} 30'$  E., 51 lks. dist.. mkd. T 5 S R 9 W S 25 B T.

A red pine, 12 ins. dia., bears S.  $1^{\circ} 30'$  W., 8 lks. dist.. mkd. T 5 S R 9 W S 26 B T.

A red pine, 6 ins. dia., bears N.  $38^{\circ}$  W., 53 lks. dist.. mkd. T 5 S R 9 W S 23 B T.

## Corrective Notes of

Subdivision of T.5 S., R.9 W.-Continued.

Chs.

For  $\frac{1}{4}$  sec.cor.betsecs.24 and 25.

Same tree cor., from which

A red pine, 6 ins dia., bears N.24° E., 45 lks.  
dist.mkd. $\frac{1}{4}$  S 23 B T.

A red pine, 5 ins dia., bears S.48° 30' E., 45  
lks.dist..mkd. $\frac{1}{4}$  S 24 B T.

For  $\frac{1}{4}$  sec.cor.betsecs.25 and 26.

Same stone, from which

A pinon pine, 10 ins dia., bears N.31° 30' E., 136  
lks.dist..mkd. $\frac{1}{4}$  S 25 B T.

A pinon pine, 8 ins dia., bears N.64° W., 23  
lks.dist..mkd. $\frac{1}{4}$  S 26 B T.

For the cor.of secs.25,26,35, and 36,

Same stone, from which

A cedar, 10 ins dia., bears N.68° 25' E., 39  
lks.dist..mkd.T 5 S R 9 W S 25 B T.

A pinon pine, 20 ins dia., bears S.3° 25' E., 93  
lks.dist..mkd.T 5 S R 9 W S 36 B T.

A cedar, 6 ins dia., bears S.25° W., 145 lks.  
dist..mkd.T 5 S R 9 W S 35 B T.

A pinon pine, 20 ins dia., bears N.42° W., 159  
lks.dist..mkd.T 5, S. R 9 W S 26 B T.

For  $\frac{1}{4}$  sec.cor.betsecs.25 and 36.

Same stone, from which

A cedar, 4 ins dia., bears N.57° 30' E., 32 lks

## Corrective Notes of

Subdivision of T.5 S., R.9 W.-Continued.

dist..mkd. $\frac{1}{2}$  S. 25 B T.A pinon pine, 10 ins.dia., bears S.68°30'E., 52  
lks.dist..mkd. $\frac{1}{2}$  S 36 B T.

---

For  $\frac{1}{4}$  sec.cor.betsecs.26 and 35.

Same stone, from which

A pinon pine, 24 ins.dia., bears N.14°E., 28  
lks.dist..mkd. $\frac{1}{2}$  S 26 B T.A pinon pine, 30 ins.dia., bears S.13°W., 142  
lks.dist..mkd. $\frac{1}{2}$  S 35 B T.

---

For  $\frac{1}{4}$  sec.cor.betsecs.35 and 36.

Same stone, from which

A cedar, 5 ins.dia., bears S.59°E., 45 lks.  
dist..mkd. $\frac{1}{2}$  S 36 B T.A pinon pine, 6 ins.dia., bears N.65°W., 10  
lks.dist., mkd. $\frac{1}{2}$  S 35 B T.

---

The  $\frac{1}{4}$  sec.cor.betsecs.30 and 31 was moved to its  
proper position in the presence of the Examiner , the  
correct description is as follows:

Same stone, from which

An aspen, 4 ins.dia., bears N.7°E., 97 lks.  
dist..mkd. $\frac{1}{2}$  S 30 B T.An aspen, 4 ins.dia., bears S.57°W., 32 lks.  
dist..mkd. $\frac{1}{2}$  S 31 B T.

---

May 27, 1905.

*Scott R Stewart*  
U.S. Deputy Surveyor

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## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by \_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and laying the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_, showing the respective capacities in which they acted:

\_\_\_\_\_, Chairman.

\_\_\_\_\_, Chairman.

*For final affidavit see book 22, pp 5-5 R 12 W*, Moundman.

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted \_\_\_\_\_, United States Deputy Surveyor, in surveying all parts or portions of the \_\_\_\_\_

of the \_\_\_\_\_

meridian, \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey was made in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the monuments established, according to the instructions furnished by the United States Surveyor General for \_\_\_\_\_

\_\_\_\_\_, Chairman.

\_\_\_\_\_, Chairman.

*For final affidavit see book 22, pp 5-5 R 12 W*, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

scribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, United States Surveyor General for \_\_\_\_\_, bearing date of \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

*For final affidavit Dec last 22, If 55 P.M.*

of the \_\_\_\_\_ meridian, in the \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further so swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey.

United States Deputy Surveyor

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_ }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*South Dakota, Oct July 29, 1903*  
*Concord*  
 The foregoing field notes of the survey of *The subdivisions of Township 5 South Range 9 West of the Meridian of Base on Meridian Retab*

executed by *Scott P. Stewart and Clarence J. Davis*  
 under his contract No. *281*, dated *July 29, 1903*, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

*Edward M. Gandy*  
 United States Surveyor Gen.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

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*Exhibit*  
4-679.

BOOK A-320

FILED  
SEP 17 1904

FIELD NOTES

OF THE SURVEY OF THE

WEST AND SOUTH BOUNDARIES

OF

Township No. 6 South, Range No. 9 West

Volume  
#  
R0320

Of the Uintah Special Base and Meridian,  
State of Utah,

AS SURVEYED BY

Cott P. Stewart and Clarence S. Jarvis United States Deputy Surveyors,  
their

Contract No. 281, dated July 22, 1903,

Survey commenced July 13, 1904.

Survey completed July 16, 1904.

West Side - 6.00.00  
South 5.78.60

**NAMES AND DUTIES OF ASSISTANTS.**

J. Franklin Duffin Chainman.

Angus M. Woodbury Chainman.

John T. Woodbury Jr. Moundman.

William Burridge Moundman.

Quinby Stewart Axman.

George W. Worthen Axman.

Ashton S. Nebeker Flagman.

For preliminary affidavits see book "G" T.7 S.R.7 W.

600K A-320

## INDEX DIAGRAM.

*Township* \_\_\_\_\_, *Range* \_\_\_\_\_

6	5	4	3	2	1
7	8	9	10	11	12
16	17	18	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

*Meanders Page* \_\_\_\_\_

## PRELIMINARY OATHS OF ASSISTANTS.

We,

do solemnly swear that we will well and truly execute the duties of chainmen; that we will level off the ground and cut down grass, and plant the tally pins, either by sticking or dropping the same; that we will report all trees distanced to all visible objects, and the true lengths of all lines that we assist in carrying, to the best of our skill and ability, and in accordance with instructions given us, in the survey

, Chaining.

, Chaining.

We signed and have agreed to do so on this

day of

, 190

Sergeant  
Major

We,

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Mounding.

, Mounding.

We signed and agreed to do so on this

day of

, 190

Sergeant  
Major

We,

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

, Axmen.

, Axmen.

We signed and agreed to do so on this

day of

, 190

Sergeant  
Major

I do solemnly swear that I will well and truly perform the duties of a planman, according to the instructions given me, to the best of my skill and ability, in the survey

, Planman.

We signed and agreed to do so on this

day of

, 190

Sergeant  
Major

248

the boundary of Gas Row.

Survey commenced July 12, 1904; and executed with a W. and L.E. Gurley light mountain transit, No. 111, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading up to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the mer. at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on August 10, 1903.

To examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a meridian established by Pol. obsn., I proceed as follows:

At the cor. of Tps. 5 and 6 S., Rs. 9 and 10 W., latitude  $40^{\circ} 00' 15''$  N., longitude  $110^{\circ} 59' 47''$  W., I set off  $40^{\circ} 00'$  N., on the lat. arc;  $21^{\circ} 57'$  N., on the decl. arc; and at 5 h 2 m p.m., l.m.t., I determine a mer. with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

July 12, 1904.

---

July 13, 1904: At 0 h 2.2 m a.m., l.m.t., I observe Pol. at eastern elongation, in accordance with the Manual, and mark a point in the line thus determined, on a peg driven in the ground, 5.00 chs. N. of the cor.

At 6 h 30m-a.m.t., I lay off the azimuth of Polaris  $1^{\circ} 54.4'$  to the west, and mark the mer. thus determined, by cutting a small groove in the stone already set 5.00 chs. N. of the cor.; this mark falls 0.41 ins. east of the mark determined with the solar.

At 7 h 3 m a.m., l.m.t., I set off  $40^{\circ} 00'$  N., on the lat. arc;

TRANSCRIBED COPY OF  
ORIGINAL FIELD NOTES

West boundary of T., R. 9 W. -Continued

- Chs. 21° 52' N., on the decl. arc; and mark the mer. determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls 0.38 ins. east of the mer. established by Pol. obsn.
- The solar apparatus by p.m. and a.m. observations defines positions for meridians, respectively about 0° 22" west and 0° 20" east of the mer. established by Pol. obsn.; therefore I conclude that the adjustments of the instrument are satisfactory.
- The magnetic bearing of the mer. at 7 h 2 m a.m., l.m.t., is N. 16° 45' W., the angle thus determined, gives the mag. decl. 16° 45' E.
- 
- From the cor. of Tps. 5 and 6 S., Rs. 9 and 10 W., heretofore described.
- I run
- South bet. secs. 1 and 6.
- Over mountainous land; through heavy aspen timber.
- Desc.
- 13.00 Head of canon, 200 ft. below Tp. cor., course E.
- Asc.
- 20.00 Leave timber, and enter dense undergrowth, bears NW and SE.
- 23.00 Top of ridge, 200 ft. above hollow, bears NW and SE.
- Desc.
- 39.00 Head of canon, 700 ft. below ridge, course SE.
- Asc.
- 39.20 Leave undergrowth and enter heavy aspen timber, bears NW and SE.
- 40.00 Set an aspen post, 3 ft. long, 4 ins. sq., 24 ins. in the ground, for sec. cor., I mark  $\frac{1}{2}$  S 1 on W. face and 6 on E. face; from which

An aspen, 3 ins. dia., bears N. 36° 30' E., 21 lks.  
dist. mkd. = S 6 B.T.

# TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

West boundary of T 6 S R 9 W -Continued.

- |       |   |
|-------|---|
| Chs.  | An aspen, 5 ins. dia., bears N. $36^{\circ}$ W., 39 lks.<br>dist.. mkd. T 6 S R 9 W S 1 B T.  |
| 45.00 | Leave timber, bears E. and W.   |
| 57.00 | Enter heavy pine timber, bears E. and W.  |
| 60.00 | Leave live timber and enter standing burnt timber, bears E. and W.  |
| 70.00 | Leave burnt timber and enter scattering pine timber, bears E. and W.  |
| 80.00 | Set a sandstone 8x8x6 ins., 12 ins. in the ground, for cor. or secs. 1, 6, 7, and 12, mkd. with 1 notch on N. and 5 notches on S. edges; from which |
|       | An aspen, 6 ins. dia., bears N. $62^{\circ}$ E., 186 lks.<br>dist.. mkd. T 6 S R 9 W S 6 B T.   |
|       | An aspen, 6 ins. dia., bears S. $7^{\circ}$ E., 226 lks.<br>dist.. mkd. T 6 S R 9 W S 7 B T.  |
|       | A red pine, 16 ins. dia., bears S. $8^{\circ}$ W., 193 lks.<br>dist.. mkd. T 6 S R 10 W. S 12 B T.  |
|       | A red pine, 14 ins. dia., bears N. $54^{\circ}$ W., 330 lks.<br>dist.. mkd. T 6 S R 10 W., S 1 B T.   |
|       | Land, mountainous.  |
|       | Soil, gravelly; 3rd rate.   |
|       | Timber, pine and aspen.   |
|       | Undergrowth, sage, buck, and deer brush.  |
|       | Good grass for grazing.   |
|       | Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.  |

South, bet. secs. 7 and 12.

Over mountainous land; through scattering timber.  
Asc.

- |       |  |
|-------|--|
| 2.00  | Enter scattering undergrowth, bears E. and W.  |
| 33.50 | Top of ridge, 200 ft. above sec. cor., bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E. |
|       | Desc. abruptly.  |

West boundary of T. 6 S., R. 9 W.-Continued.

Chs.	
40.00	Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for 4 sec.cor..mkd.; $\frac{1}{2}$ on W.face; from which A balsam, 12 ins.dia., bears S.36° E., 120 lks. dist..mkd. $\frac{1}{2}$ S 7 B T.
	A balsam, 6 ins.dia, bears S.24° W., 135 lks. dist..mkd. $\frac{1}{2}$ S 12 B T.
54.75	Creek, 3 lks.wide, 2 ins.deep, in bottom of canon, 800 ft. below ridge, course SW. Asc.
58.00	Top of spur, 50 ft above canon; bears E.and W. Desc.
63.00	Creek, 10 lks.wide, 5 ins.deep, in canon, 100 ft.below spur, course S.40° E. Asc.
70.00	Leave timber, bears E.and W.
80.00	Set a sandstone, 20x10x4 ins., 15 ins. in the ground, for cor.or secs.7,12,15, and 18, mka. with 2 notches on N.and notches on S.edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.high, W.or cor. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine, red pine and aspen. Undergrowth, sage, buck, and deer brush. Good grass for grazing. Mountainous land, 80.00 chs.
	July 13, 1904: At this cor. I set off 21° 50' N., on the decl. arc; and at 6 h 2 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is 39° 58' N., which is the proper lat.nearly.
	)
	South, bet.secs.13 and 18. Over mountainous land; through dense undergrowth. Asc.

## West boundary or T 6 S ,R 9 W -Continued

- Chs.
- 5.00 Top of ridge, 100 ft. above sec.cor., bears NW and SE.  
Enter scattering red pine and cedar timber, bears NW and SE.
- Desc.
- 16.00 Creek, 10 lks. wide, 4 ins. deep, in bottom of canon, 500 ft. below ridge, course N.80° E.  
Leave live timber and enter fallen dead timber, bears with canon.
- Asc. abruptly.
- 28.00 Enter scattering pine timber, bears E. and W.
- 40.00 Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for sec.cor..mkd. on W. face; from which  
 A red pine, 16 ins. dia., bears N.74° E., 35 lks.  
 dist..mkd.  $\bar{z}$  S 18 B T.  
 A red pine, 8 ins. dia., bears S.73° W., 50 lks.  
 dist..mkd.  $\bar{z}$  S 15 B T.
- 43.00 Top of ridge, 800 ft. above canon, bears E. and W.
- Desc.
- 65.00 Enter heavy aspen timber, bears E. and W.
- 67.00 Bottom of canon, 500 ft. below ridge, course N.80° E.  
ASC.
- 68.00 Leave aspen and enter heavy pine timber, bears E. and W.
- 80.00 Point 500 ft. above canon,  
Set a sandstone, 18x8x8 ins., 12 ins. in the ground, for cor.or secs. 15, 18, 19, and 24, mkd. with 3 notches on N., and S.edges; from which  
 A balsam, 12 ins. dia., bears N.55° E., 49 lks.  
 dist..mkd.T 6 S R 9 W S 18 B T.  
 A white pine, 16 ins. dia., bears S.82° E., 60 lks.  
 dist..mkd.T 6 S R 9 W S 19 B T.  
 A balsam, 14 ins. dia., bears S.38° W., 19 lks.  
 dist..mkd.T 6 S R 10 W S 24 B T.  
 A balsam, 16 ins. dia., bears N.20° W., 72 lks.  
 dist..mkd.T 6 S R 10 W S 13 B T.

West boundary of T. 6 S. & R. 9. W. -Continued.

- Chs. Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine, aspen, and cedar.  
Undergrowth, sage, buck service berry, and deer brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

July 13, 1904.

- July 14, 1904: At 7 h 2 m a.m., l.t., I set off  $59^{\circ} 58' N.$ , on the lat. arc;  $21^{\circ} 43' N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 13, 18, 19, and 24. Thence I run  
South, bet. secs. 19 and 24.  
Over mountainous land; through heavy timber.  
Asc.  
7.00 Leave heavy and enter scattering timber, bears E. and W.  
9.00 Top of ridge, 150 ft. above sec. cor., bears E. and W.  
Desc. through scattering undergrowth.  
28.00 Bottom of canon, 600 ft. below ridge, course N.  $60^{\circ}$  E.  
Enter heavy pine timber, bears with canon.  
Asc.  
40.00 Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which  
A red pine, 12 ins. dia., bears N.  $79^{\circ}$  E., 35 lks.  
dist.. mkd.  $\frac{1}{2}$  S 19 B T.  
A red pine, 14 ins. dia., bears N.  $76^{\circ}$  W., 25 lks.  
dist.. mkd.  $\frac{1}{2}$  S 24 B T.  
41.50 Leave heavy and enter scattering timber, bears E. and W.  
41.75 Top of ridge, 800 ft. above canon, bears E. and W.  
Desc.  
56.00 Enter heavy aspen timber, bears E. and W.  
58.40 Bottom of canon, 700 ft. below ridge, course N.  $80^{\circ}$  E.

West boundary of T.6 S., R.9 W.-Continued.

- Chs. Leave aspen and enter heavy pine timber, bears with canon.  
ASC.
- 80.00 Point 800 ft. above canon.  
Set a sandstone, 18x8x8 ins., 12 ins. in the ground, for cor. or secs. 19, 24, 25, and 30, mkd. with 4 notches on N. and 2 notches on S. edges; from which  
A red pine, 10 ins. dia., bears N. 44° E., 60 lks.  
dist.. mkd. T 6 S R 9 W S 19 B T.  
A red pine, 12 ins. dia., bears S. 43° 30' E., 60 lks.  
dist.. mka. T 6 S R 9 W S 30 B T.  
An aspen, 5 ins. dia., bears S. 63° 30' W., 60 lks.  
dist.. mka. T 6 S R 10 W S 25 B T.  
A red pine, 10 ins. dia.; bears N. 20° W., 58 lks.  
dist.. mkd. T 6 S R 10 W S 24 B T.
- Land, mountainous.  
Soil, gravelly loam; 2nd rate.  
Timber, pine and aspen.  
Undergrowth, buck and deer brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.00 chs.
- 
- South, bet. secs. 25 and 30.  
Over mountainous land; through heavy pine timber.  
ASC.
- 12.00 Leave timber and enter dense undergrowth or sage brush, bears E. and W.
- 19.00 Old wood road, on top of ridge, 200 ft. above sec. cor., bears E. and W.  
Desc.
- 25.00 Leave undergrowth and enter heavy aspen timber, bears E. and W.
- 33.00 Leave timber and enter dense sage bears E. and W.
- 38.00 Leave sage and enter heavy pine timber, bears NE and SW.

## West boundary of T.6 S., R.9 W.-Continued.

Chs.	
40.00	A red pine, 12 ins. dia., for a sec. cor., I mark $\frac{1}{4}$ S 25 on W. side, 30 on E. side; from which A red pine, 10 ins. dia., bears S. 80° W., 30 lks. dist.. mkd. $\frac{1}{4}$ S 25 B T.
	An aspen, 5 ins. dia., bears N. 60° E., 70 lks. dist.. mkd. $\frac{1}{4}$ S. 30 B T.
48.00	Leave timber, bears E. and W.
54.00	Enter heavy aspen timber, bears E. and W.
59.00	Creek, 2 lks. wide, 2 ins. deep, in bottom of west fork of Avintaquin Canon, 800 ft. below ridge, course N. 60° E. Asc.
71.00	Old wood road, bears E. and W.
73.00	Leave aspen timber and enter scattering pine timber, bears E. and W.
80.00	Top of ridge, 600 ft. above hollow, bears N. 60° E. and S. 60° W. Det a sandstone, 16x10x5 ins., 11 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, mkd. with 5 notches on N. and 1 notch on S. edges; from which A balsam, 8 ins. dia., bears N. 68° E., 110 lks. dist.. mkd. T 6 S R 9 W S 30 B T.
	A balsam, 6 ins. dia., bears S. 60° E., 100 lks. dist.. mkd. T 6 S R 9 W S 31 B T.
	A balsam, 5 ins. dia., bears S. 65° W., 40 lks. dist.. mkd. T 6 S R 10 W S 36 B T.
	A red pine, 18 ins. dia., bears N. 25° W., 220 lks. dist.. mkd. T 6 S R 10 W S 25 B T.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	Timber, pine and aspen.
	Undergrowth, sage brush.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

# TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

West boundary of T. 6 S. R. 9 W. -Continued

July 14, 1904: At the noon hour the sky is overcast and solar observations are impossible.

South, bet. secs. 31 and 36.

Over mountainous land; through heavy timber.

Desc.

2.00 Leave heavy and enter scattering timber, bears E. and W.

9.50 Enter heavy aspen timber, bears E. and W.

15.00 Bottom of hollow, 500 ft. below sec. cor., course N. 60° E.

Asc.

19.00 Spring branch, 1 lk. wide, 1 in. deep, course N. 20° E.

22.00 A small spring bears W. 20 lks. dist.

24.00 Leave aspen timber and enter scattering pine timber, bears E. and W.

33.00 Top of ridge, 400 ft. above hollow, bears E. and W.

Desc.

40.00 Set a sandstone, 18x8x8 ins., 12 ins. in the ground, for sec. cor. mkd.  $\frac{1}{4}$  on W. face; from which

An aspen, 5 ins. dia., bears N. 85° E., 15 lks.

dist. mkd.  $\frac{1}{4}$  S. 31 B T.

A red pine, 12 ins. dia., bears S. 35° W., 130 lks.

dist. mkd.  $\frac{1}{4}$  S. 36 B T.

46.00 Leave pine and enter heavy aspen timber, bears E. and W.

57.50 Bottom of canon, 400 ft. below ridge, course N. 20° E.

Asc.

66.00 Leave aspen and enter scattering dead timber, bears E. and W.

78.00 Leave dead timber and enter dense aspen saplings, bears E. and W.

80.00 Set a sandstone, 18x16x10 ins., 12 ins. in the ground, for cor. of Tps. 6 and 7 S., Rs. 9 and 10 W., mkd. with 6 notches on each edge; from which

An aspen, 4 ins. dia., bears N. 40° E., 60 lks.

## West boundary of T. 6 S. R. 9 W.-Concluded.

Chs.	dist..mkd.T 6 S R 9 W S 31 B T. An aspen, 5 ins.dia., bears S.45° E., 15 lks. dist..mkd.T 7 S R 9 W S 6 B T. An aspen, 4 ins.dia., bears S.60° W., 20 lks. dist..mkd.T 7 S R 10 W S 1 B T. An aspen, 5 ins.dia., bears N.35° W., 25 lks. dist..mkd.T 6 S R 10 W S 36 B T.. land, mountainous. Soil, gravelly loam; 2nd rate. Timber, pine and aspen. Good grass for grazing. Mountainous or heavily timbered land, 80.00 chs.
------	--

July 14, 1904.

## South Boundary of T. 6 S., R. 9 W.

July 15, 1904: At 7 hr m a.m., l.m.t., I set off 59° 55' N., on the lat.arc; and -21° 34' N., on the decl.arc; and determine a mer. with the solar, at the cor. of Tps. 6 and 7 S., Rs. 8 and 9 W., heretofore described.

Thence I run

West, on a random line along E.bdy.of Tp., setteng temp. 4 sec.cors. and sec.cors., at intervals of 40.00 chs., and at 478.00 chs. Intersect W.bdy.of Tp., 1<sup>1</sup><sub>2</sub> lks. N. of the cor. of Tps. 6 and 7 S., Rs. 9 and 10 W., the falling answers to a correction of 8' br 19 lks. N. per mile counting from the cor. of Tps. 6 and 7 S., Rs. 9 and 10 W.

July 15, 1904: At the noon hour the sky is overcast and solar observations are impossible.

South boundary of T 6 E., R. 9 W. -Continued

Thence 1 run

N.89° 52' E., on a true line bet. secs. 3 and 31.

Over mountainous land; through dense aspen saplings.

Asc.

1.00 Leave aspen saplings and enter scattering timber, bears NW and SE.

9.00 Top of ridge, 500 ft. above sec. cor., bears N.20° E. and S. 20° W.

Desc.

33.60 Creek, 4 lks. wide, 2 ins. deep, in bottom of canon, 800 ft. below ridge, course N.20° E.

Asc.

38.00 Set a sandstone, 18x6x6 ins., 12 ins. in the ground, for sec. cor. mkd. on N. face; from which

A red pine, 12 ins. dia., bears N.44° E., 33 lks.  
dist. mkd. S 31 B T.

A spruce, 14 ins. dia., bears S.9° W., 36 lks.  
dist. mkd. S 6 B T.

68.00 Top of ridge, 800 ft. above canon, bears N. and S.

Desc.

69.00 An old sheep corral bears S.150 lks. dist.

78.00 Point 200 ft. below ridge.

Set a sandstone, 16x10x6 ins., 11 ins. in the ground, for cor. or sec. 5, 6, 31, and 32, mkd. with 5 notches on E. and 1 notch on W. edges; from which

A red pine, 16 ins. dia., bears N.44° 30' E., 160 lks.  
dist. mkd. T 6 S R 9 W S 32 B T.

A red pine, 24 ins. dia., bears S.52° 14' E., 310 lks.  
dist. mkd. T 7 S R 9 W S 5 B T.

A red pine, 24 ins. dia., bears S.43° W., 165 lks.  
dist. mkd. T 7 S R 9 W S 6 B T.

A red pine, 10 ins. dia., bears N.65° W., 138 lks. dist. mkd. T 6 S R 9 W S 31 B T.

Land, mountainous.

South boundary of T. 6 S., R. 9 W., -Continued.

- chs      Soil, gravelly loam; 2nd rate.  
           Timber, pine and aspen.  
           Undergrowth, aspen saplings.  
           Good grass for grazing.  
           Mountainous or heavily timbered land, or land covered with dense undergrowth, 78.00 chs.
- 
- N. 89° 52' E., on a true line bet. secs. 5 and 32.  
     Over mountainous land; through scattering timber.  
     Desc.  
 5.00 Enter heavy timber, bears N. and S.  
 17.00 Creek, 5 lks. wide, 2 ins. deep, in bottom of canon, 600 ft. below sec. cor., course N. 20° E.  
       Asc.  
 35.00 Top of ridge, 800 ft. above canon, bears N. 10° E. and S. 10° W.  
       Leave heavy and enter scattering timber.  
       Desc.  
 40.00 Set a sandstone, 14x12x4 ins., 10 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
           A red pine, 14 ins. dia., bears N. 50° W., 250 lks. dist.. mkd.  $\frac{1}{2}$  S 32 B T.  
           A red pine, 18 ins. dia., bears S. 45° E., 60 lks. dist.. mkd.  $\frac{1}{2}$  S 5 B T.  
 55.00 Enter fallen dead timber, bears N. and S.  
 60.00 Creek, 8 lks. wide, 3 ins. deep, in bottom of canon, 800 ft. below ridge, course N. 20° E.  
       Asc.  
 70.00 Top of ridge, 450 ft. above canon, bears NW and SE.  
       Desc.  
 80.00 Set a sandstone, 18x12x6 ins., 12 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, mkd. with 4 notches on E. and 2 notches on W. edges; from which

South boundary of T. 6 S., R. 9 W. -Continued.

Chs. An aspen, 4 ins.dia., bears N.59°E., 40 lks.  
 dist..mka.T 6 S R 9 W S 33 B T.  
 An aspen, 3 ins.dia., bears S.59°E., 27 lks.  
 dist..mka.T 7 S.,R 9 W S 4 B T.  
 An aspen, 4 ins.dia., bears S.74°W., 10 lks.  
 dist..mka.T 7 S R 9 W S 5 B T.  
 An aspen, 4 ins.dia., bears N.20°W., 32 lks.  
 dist..mka.T 6 S R 9 W S 32 B T.  
 Land, mountainous.  
 Soil, gravelly loam; 2nd rate.  
 Timber, pine and aspen.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 80.00 chs.

July 15, 1904.

July 16, 1904: At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ}55'N.$ ,  
 on the lat.arc;  $21^{\circ}25'N.$ , on the decl.arc; and determine a  
 mer. with the solar, at the cor. or secs. 4, 5, 32, and 33.

Thence I run

N.  $89^{\circ}52'E.$ , on a true line bet. secs. 4 and 35.Over mountainous land; through scattering timber and  
 dense undergrowth, and fallen dead timber.

Desc.

3.00 Creek, 10 lks. wide, 3 ins. deep, in bottom or canon, 50 ft.  
 below sec.cor., course N.  $60^{\circ}W.$ .

Asc.

5.50 Top or spur, 100 ft. above canon, bears N. and S.

Desc.

8.00 Creek, 5 lks. wide, 3 ins. deep, in canon, 50 ft. below spur,  
 course S.  $60^{\circ}W.$ .

Asc.

South boundary of T. 6 S., R. 9 W.-Continued.

Chs.	
36.00	Top of abrupt ascent, 800 ft. above canon, bears N.20°E. and S.20°W. Thence ascend more gradually.
40.00	Top of ridge, 850 ft. above canon, bears N.20°E. and S.20°W. Set a sandstone, 18x16x4 ins., 11 ins. in the ground, for sec. cor.. mkd. $\frac{1}{2}$ on N. face; from which An aspen, 4 ins. dia., bears N.66°30'W., 210 lks. dist.. mkd. $\frac{1}{4}$ S.33 B.T. An aspen, 4 ins. dia., bears S.80°30'W., 160 lks. dist.. mkd. $\frac{1}{2}$ S.4 B.T.
	Desc.
44.00	Begin abrupt descent, bears N.20°E. and S.20°W.
58.00	Creek, 7 lks. wide, 2 ins. deep in bottom of canon, 750 ft. below ridge, course N.20°E.
	Asc.
80.00	Point 500 ft. above canon. Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for cor. or secs. 3, 4, 33, and 34, mkd. with 3 notches on E., and W. edges; from which A red pine, 12 ins. dia., bears N.85°30'E., 105 lks. dist.. mkd. T 6 S R 9 W S 34 B.T. A red pine, 12 ins. dia., bears S.31°E., 109 lks. dist.. mkd. T 7 S R 9 W S 3 B.T. A balsam, 25 ins. dia., bears S.23°30'W., 100 lks. dist.. mka. T 7 S R 9 W S 4 B.T. A red pine, 8 ins. dia., bears N.50°W., 43 lks. dist.. mkd. T 6 S R 9 W S 33 B.T.
	Land, mountainous.
	Soil, gravelly loam; 2nd. rate.
	Timber, pine and aspen.
	Undergrowth, aspen, service berry, and deer brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth,

## South boundary of T. 6 S., R. 9 W. - Continued.

Chs.	80.00 chs.
	N. 89° 52' E., on a true line bet. secs. 5 and 34. Over mountainous land; through scattering timber and scattering undergrowth and fallen dead timber.
Asc.	
1.00	Top of spur, 20 ft. above sec. cor., bears NW and SE.
	Desc.
14.00	Head of hollow, 100 ft. below spur, course NW.
	Asc.
30.00	Leave fallen dead timber, bears N. and S..
40.00	Top of ridge, 500 ft. above hollow, bears N. 20° E. and S. 20° W. Set a sandstone, 10x8x6 ins., 11 ins. in the ground, for sec. cor.. mka. on N. face; from which A balsam, 5 ins. dia., bears N. 5° W., 65 lks. dist.. mka. S 34 B T. An aspen, 7 ins. dia., bears S. 40° E., 39 lks.. dist.. mka. S 3 B T.
	Desc.
46.00	Commence abrupt descent, bears N. 20° E. and S. 20° W.
75.00	Top of ridge.
80.00	Set a sandstone, 20x12x6 ins., 15 ins. in the ground, for cor. of secs. 2, 5, 34, and 35, mka. with 2 notches on E. and 4 notches on W. edges; from which An aspen, 5 ins. dia., bears N. 72° E., 120 lks. dist.. mka. T 6 S R 9 W S 35 B T. An aspen, 4 ins. dia., bears S. 65° E., 84 lks. dist.. mka. T 7 S R 9 W S 2 B T. A red pine, 8 ins. dia., bears S. 52° W., 120 lks. dist.. mka. T 7 S R 9 W S 3 B T. A red pine, 12 ins. dia., bears N. 79° W., 185 lks. dist.. mka. T 6 S R 9 W S 34 B T.

South boundary of T 6 S R 9 W -Continued

Chs.	Land, mountainous. Soil, gravelly loam; znd rate. Timber, pine and aspen. Undergrowth, sage, buck, service berry, and deer brush. Good grass for grazing. Mountainous land, 80.00 chs. July 16, 1904: At this cor. I set off $21^{\circ} 22' N.$ , on the decl. arc; and at 0 h 2 m ap.m.l.m.t., I observe the sun on the mer. the resulting lat. is $39^{\circ} 55' N.$ , which is the proper lat. nearly.
	N. $89^{\circ} 52' E.$ , on a true line bet. secs. 2 and 35. Over mountainous land; through scattering timber and scattering undergrowth.
	Desc.
16.00	Creek, 2 lks. wide, 1 in. deep, in bottom or hollow, 700 ft. below sec. cor., course S. $30^{\circ} E.$ ASC.
40.00	Top of spur, 400 ft. above hollow, bears N. $20^{\circ} E.$ and S. $20^{\circ} W.$ Set a sandstone, 18x14x5 ins., 12 ins. in the ground, for sec. cor.. mka. $\frac{1}{2}$ on N. face; from which A pinon pine, 24 ins. dia., bears N. $30^{\circ} E.$ , 56 lks. dist.. mka. $\frac{1}{2}$ S. 35 B T. A pinon pine, 10 ins. dia., bears S. $63^{\circ} W.$ , 53 lks. dist.. mka. $\frac{1}{2}$ S. 2 B T.
70.00	Creek, 10 lks. wide, 5 ins. deep, in bottom or canon, 700 ft. below ridge, course N. $50^{\circ} E.$ ASC.
71.00	Enter heavy aspen timber, bears NE and SW.
79.50	Top of spur, 350 ft. above canon, bears NE and SW. Desc.
80.00	Set a sandstone, 24x16x5 ins., 18 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, mka. with 1 notch on E. and 5

## South boundary of T. 6 S., E. 9 T.-Continued.

Chs.	notches on W. edges; from which An aspen, 4 ins. dia., bears N. 19° E., 57 lks. dist.. mka.T 6 S R 9 T 36 B T. An aspen, 4 ins. dia., bears S. 31° E., 29 lks. dist.. mka.T 7 S I. 9 W S 1 B T. An aspen, 4 ins. dia., bears S. 58° W., 23 lks. dist.. mka.T 7 S R 9 W S 2 B T. An aspen, 4 ins. dia., bears N. 52° W., 29 lks. dist.. mka.T 6 S R 9 W S 35 B T.
	Land, mountainous.
	Soil, gravelly loam; 2nd rate.
	Timber, pine and aspen.
	Undergrowth, aspen saplings, service berry, cherry, and deer brush.
	Good grass for grazing.
	Mountainous or heavily timbered land, 80.00 chs.
	N. 89° 52' E., on a trueline bet. secs. 1 and 36.
	Over mountainous land, through heavy aspen timber and scattering undergrowth.
	Desc.
1.00	Leave timber and enter dense undergrowth, bears N. and S.
3.50	Creek, 3 lks. wide, 2 ins. deep, in bottom of canon, 250 ft. below sec. cor., course N. 20° E.
	Asc.
15.00	Leave undergrowth and enter heavy pine timber, bears N. and S.
22.00	Top of ridge, 700 ft. above canon, bears N. and S. Leave timber and enter dense undergrowth, bears N. and S.
	Desc.
40.00	Set a sandstone, 16x10x7 ins., 11 ins. in the ground, for sec. cor.. mka. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

## South boundary lot T. 6 S. R. 9 W. -Continued

Chs.	
42.50	Bottom of canon, 800 ft. below ridge, course N. 20° W.
	Asc.
68.00	Top of ridge, 1000 ft. above canon, bears N. 20° W. and S. 20° E.
	Enter scattering timber, bears with ridge.
	Desc.
72.00	Head of hollow, 100 ft. below ridge, course N.
	Asc.
80.00	The cor. of Tps. 6 and 7 S., Rs. 8 and 9 W. (100 ft. above hollow.) Land, mountainous. Soil, gravelly loam; 2nd rate. Timber, pine and aspen. Undergrowth, sage, service berry, cherry, and deer brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

July 16, 1904.

## Boundaries of T. 6 S., R. 9 W.

Latitudes, departures, and closing errors.

Line designated.	True bearing	Distance chs.	Latitudes		Departures	
			N. chs.	S. chs.	E. chs.	W. chs.
W. bdy. T. 6 S., R. 9 W.	North	480.00	480.00			
N. bdy. T. 6 S., R. 9 W.	N. 89° 58' E.	477.00	.28		477.00	
E. bdy. T. 6 S., R. 9 W.	South	480.00		480.00		
S. bdy. T. 6 S., R. 9 W.	S. 89° 52' W.	478.00		1.11		478.00
Convergency					.61	
Totals	"		480.28	481.11	477.61	478.00
Error in lat.					.85	
Error in dep.						0.39

South boundary of T. 6 S., R. 9 W. - Concluded.

GENERAL DESCRIPTION.

This township is all mountainous, well timbered and well watered. It should be subdivided.

*Clarence S. Jarvis,*  
U.S. Deputy Surveyor.

July 16, 1904.

Volume

#

R0320

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**PAGE**

**FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.****LIST OF NAMES.**

A list of the names of the individuals employed by \_\_\_\_\_

\_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and  
marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_

wing the respective capacities in which they acted:

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Moundman.*

For final affidavits see book "W" T.5 S.R.11 W. \_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Flagman.*

**FINAL OATH OF ASSISTANTS.**

We hereby certify that we assisted \_\_\_\_\_  
\_\_\_\_\_, United States Deputy Surveyor, in surveying all  
e parts or portions of the \_\_\_\_\_

\_\_\_\_\_ of the \_\_\_\_\_  
meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented  
he foregoing field notes as having been surveyed by him and under his direction; and that said survey  
been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the  
er monuments established, according to the instructions furnished by the United States Surveyor  
eral for \_\_\_\_\_

For final affidavits see book "W" T.5 S.R.11 W. \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Moundman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Axman.*

\_\_\_\_\_, *Flagman.*

scribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_ }



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from \_\_\_\_\_, United States Surveyor General for \_\_\_\_\_, bearing date of \_\_\_\_\_, day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_.

For final affidavit see book "W" T.5 S.R.11 W.

of the \_\_\_\_\_ meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

*United States Deputy Surveyor*

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_ }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, November 3, 1904.

The foregoing field notes of the survey of the west and south boundaries of Township No. 6 South, Range No. 9 West of the Uintah Special Base and Meridian, Utah,

executed by Scott P. Stewart and Clarence S. Jarvis  
under his contract No. 281, dated July 22, 1903, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward M. Anderson*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_ has been correctly copied from the original notes on file in this office.

United States Surveyor General.

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BOOK A-320

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FILED

SEP 21 1904

# FIELD NOTES

W.K.

OF THE SURVEY OF THE

SUBDIVISION.

of

Township No. 6 South, Range No. 9 West

Volume

#

R0320

Of the ..... UINTAH SPECI.L BASE AND ..... Meridian,

STATE OF UTAH.

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyor,s,  
under their Contract No. 281, dated July 22, 1905. X88X

Survey commenced July 16, 1904. X89

Survey completed July 29, 1904. X89

High 59-67-06 ✓

## NAMES AND DUTIES OF ASSISTANTS.

J. Franklin Daffin	Chairman
Angus M. Woodbury	Chairman
John T. Woodbury Jr.	Moundman
William Burridge	Moundman
Drury Stewart	Aux.
George H. Northern	Auxiliary
Achton S. Rebeker	Flagman

For preliminary affidavits see book "H" T.6 S.R.7 W.

BOOK A-320

## INDEX DIAGRAM.

Township 6 South, Range 9 West.

6	64	6	48	4	37	3	23	2	12	1
63		62		47		36		22		11
7	61	8	46	9	35	10	21	11	16	12
60		59		43		34		20		9
18	58	17	44	16	32	15	17	14	8	13
56		53		43		30		18		7
10	54	20	41	21	29	22	18	26	6	24
53		53		46		25		17		5
30	52	20	40	28	27	27	17	26	4	23
51		50		39		26		15		3
81	49	82	38	83	24	34	13	85	2	26

Meanders Page.....

## PRELIMINARY OATHS OF ASSISTANTS.

WE, \_\_\_\_\_ and \_\_\_\_\_

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 189 }



WE, \_\_\_\_\_ and \_\_\_\_\_

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

\_\_\_\_\_, Moundman.

\_\_\_\_\_, Moundman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 189 }



WE, \_\_\_\_\_ and \_\_\_\_\_

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 189 }



I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 189 }



## Subdivision of T.6 S.R.9 W.

Survey commenced July 16, 1904, and executed with a W. and L.E. Gurley light mountain transit, No. -, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the mer. at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on August 10, 1903.

I examine the adjustments of the instrument, and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a mer. established by obsn. on Pol., I proceed as follows: At the cor. of secs. 1, 2, 35, and 36, on S. bdy. of 1p., latitude  $39^{\circ} 55' 01''$  N., longitude  $110^{\circ} 54' 10''$  W., I set off  $39^{\circ} 55'$  N., on the lat. arc;  $21^{\circ} 26'$  N., on the decl. arc; and at 5 h 2 m p.m. l.m.t., I determine a meridian with the solar, and mark a point thereon on a stone set firmly in the ground, 5.00 chs. N. of the cor.

At 11 h 50.5 m p.m., l.m.t., I obs. Pol. at eastern elong. in accordance with the Manual, and mark a point in the line thus determined on a peg driven in the ground, 5.00 chs. N. of the cor.

July 16, 1904.

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July 17, 1904; at 6 h 30 m am. m. l.m.t., I lay off the azimuth of Pol.  $1^{\circ} 34.4'$  to the west, and mark a point in the mer. thus determined, by cutting a small groove in the stone already set 5.00 chs. of the cor.; this mark falls 0.26 ins. east of the mer. determined with the solar.

At 7 h 0 m a.m., l.m.t., I set off  $39^{\circ} 55'$  N., on the lat. arc;

## Subdivision of T 6 S. R 9W -Continued.

Chs. 21° 15' N., on the decl. arc; and mark the mer. determined, with the solar, by a cross on the stone already set, 5.00 chs. N. of the cor.; this mark falls 0.31 ins. east of the mer. established by obsn. on Pol.

The solar apparatus, by p.m. and a.m. observations defines positions for meridians, respectively about 0° 14" west and 0° 16" east of the mer. established by obsn. on Pol.; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the mer. at 7 h 30 m a.m., is N. 16° 43' W., the angle thus determined, gives the mag. decl. 16° 43' E.

From the cor. of secs 1, 2, 35, and 36, on S. bdy. of Tp., heretofore described.

I run

N. 0° 1' W., bet. secs. 35 and 36.

Over mountainous land; through heavy aspen timber and dense undergrowth.

Asc.

.50 Top of spur, 15 ft. above sec. cor., bears NE and SW.  
Desc.

9.00 Creek, 6 lks. wide, 2 ins. deep, rocky bottom, rapid current, in canon, 300 ft. below spur, course NE.

Leave aspen timber and enter pinon pine and cedar timber, bears NE and SW.

Asc.

13.50 Top of spur, 500 ft. above canon, bears E. and W.  
Desc.

21.00 Creek, 3 lks. wide, 2 ins. deep, in bottom of hollow, 300 ft. below spur, course E.

Asc.

37.00 Leave timber, bears E. and W.

## BOOK A-320

Subdivision of T:6 S R 9 W -Continued.

Chs.	
38.00	Top of ridge, 600 ft. above hollow, bears E. and W. Desc. Set a sandstone, 18x14x4 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec.cor.. mkd. on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
49.00	Bottom of hollow, 400 ft. below ridge, course S. $70^{\circ}$ E. Asc. Top of ridge, 500 ft. above hollow, bears NW and SE. Set a sandstone, 18x8x6 ins., 12 ins. in the ground, for cor. of secs. 25, 27, 35, and 36, mkd. with 1 notch on S. and E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine, cedar, and aspen. Undergrowth, sage service berry, and deer brush, and aspen saplings. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
40.00	N. $89^{\circ} 52'$ E., on a random line bet. secs. 25 and 36. Set temp. $\frac{1}{4}$ sec.cor.,
80.22	Intersect E. bdy. of TP., or 2nd Guide Meridian West, 2 lks. N. of the cor. of secs. 25, 26, 31, and 36, here- tofore described. Thence I run S. $89^{\circ} 53'$ W., on a true line bet. secs. 25 and 36. Over mountainous land; through scattering timber and dense undergrowth. Desc.

Division of T 6S R 9W -Continued

Chs.	
14.00	Creek, 10 lks. wide, 3 ins. deep, in bottom of canon, 1000 ft. below sec. cor., course N. 30° E. Asc.
16.00	Leave undergrowth, and enter heavy pinon pine and cedar timber, bears N. and S.
37.00	Leave timber, bears N. and S.
40.11	Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for $\frac{1}{2}$ sec. cor.. mkd. $\frac{1}{2}$ on N. face; dig pits, 18x18x12 ins., E. and W. of stone, 5 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
45.00	Top of ridge, 900 ft. above canon, bears N. 40° W. and S. 40° E. Enter dense undergrowth, bears NW and SE. Desc.
54.00	Bottom of hollow, 200 ft. below ridge, course S. 40° E. Asc.
66.00	Top of abrupt ascent, 300 ft. above hollow, bears N. 15° W. and S. 15° E. Thence ascend gradually.
80.22	The cor. of secs. 25, 26, 35, and 36. (350 ft. above hollow.) Top of ridge. Land, mountainous. Soil, gravelly; 3rd rate. Timber, aspen, pinon pine, red pine, and cedar. Undergrowth, sage, deer, and buck brush, and aspen saplings. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.22 chs.
	N. 0° 1' W., bet. secs. 25 and 26. Over mountainous land; through dense aspen saplings. Desc.
27.00	Bottom of hollow, 200 ft. below sec. cor., course N. 85° E. Leave aspen saplings and enter dense sage and deer brush,

## Subdivision of T-6-S .R 9. W -Continued

- Chs. bears with hollow.
- Asc.
- 39.00 Top of spur, 200 ft. above hollow; bears E. and W.
- Desc.
- 40.00 Set a sandstone, 16x14x4 ins., 11 ins. in the ground, for  
2 sec.cor.. mkd.  $\frac{1}{2}$  on W. face; from which  
An aspen, 4 ins. dia., bears E., 65. lks.  
dist.. mkd.  $\frac{1}{2}$  25 BT.
- No other trees within limits; raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- 49.00 Bottom of hollow, 200 ft. below ridge, course E.
- Asc.
- 79.00 Top of ridge, 250 ft. above hollow, bears NE and SW.
- Desc.
- 80.00 Set a limestone, 16x11x4 ins., 11 ins. in the ground, for  
cor.of secs. 23, 24, 25, and 26, mkd. with 2 notches on S. and  
1 notch on E.edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$   
ft. high,  $\frac{1}{2}$  of cor.
- Land, mountainous.
- Soil , gravelly; 3rd rate.
- No timber.
- Undergrowth, sage and deer brush, and aspen saplings.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth,
- 80.00 chs.
- July 17, 1904: At this cor. I set off  $21^{\circ}12'N.$ , on the decl.  
arc; and at 4 hr m p.m., 1.m t. I observe the sun on the  
mer. the resulting lat. is  $39^{\circ}57'N.$ , which is the proper  
lat. nearly.
- 
- N.  $89^{\circ}53'E.$ , on a random line bet. secs. 24 and 25.
- 40.00 Set temp.  $\frac{1}{2}$  sec.cor.
- 80.04 Intersect 2nd Guide Meridian West, 23 lks. N. of the cor.of  
secs. 19, 24, 25, and 30, heretofore described.

## Subdivision of T. 6 S. R. 9 W. -Continued:

- Chs Thence I run  
 N.  $89^{\circ} 57' W.$ , on a true line bet. secs. 24 and 25.  
 Over mountainous land; through dense undergrowth.  
 Asc. along side of spur.
- 30.00 Top of spur, 200 ft. above sec. cor., bears NW and SE.  
 Enter scattering timber, bears NW and SE.  
 Desc.
- 40.02 Set a limestone, 15x15x3 ins., 10 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
 A pinon pine, 16 ins. dia., bears N.  $25^{\circ} E.$ , 100  
 lks. dist.. mkd.  $\frac{1}{2}$  S 24 B T.  
 A pinon pine, 12 ins. dia., bears S., 50 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 25 B T.
- 50.00 Bottom of hollow, 150 ft. below ridge, course SE.  
 Asc.
- 51.00 Leave timber, bears NW and SE.
- 79.00 Top of ridge, 400 ft. above hollow, bears NE and SW.  
 Desc.
- 80.04 The cor. of secs. 23, 24, 25, and 26.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pinon pine and cedar.  
 Undergrowth, sage and buck brush.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 80.04 chs.
- 
- N.  $0^{\circ} 1' W.$ , bet. secs. 23 and 24.  
 Over mountainous land; through scattering undergrowth.  
 Desc.
- 40.00 Set a limestone, 14x6x6 ins. 10 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which  
 A red pine, 20 ins. dia., bears N.  $60^{\circ} W.$ , 100 lks.

## Subdivision of T. 6 S., R. 9 W. -Continued.

- Chs. dist.. mdkd.  $\frac{1}{4}$  S 23 B T.  
 No other tree within limits; raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 48.00 Enter dense aspen saplings, bears E. and W.
- 56.00 Leave aspen saplings and enter dense sage brush, bears E. and W.
- 67.00 Bottom of hollow, 300 ft. below sec. cor., course NW.  
 Asc.
- 75.00 Enter scattering pinon pine and cedar timber, bears NW and SE.
- 80.00 Top of spur, 100 ft. above hollow, bears NW and SE.  
 Set a sandstone, 18x9x4 ins., 12 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, mdkd. with 3 notches on S. and 1 notch on E. edges; from which  
 A pinon pine, 24 ins. dia., bears S  $26^\circ$  E., 125 lks. dist.. mdkd. T 6 S R 9 W S 24 B T.  
 A pinon pine, 14 ins. dia., bears S  $63^\circ$  W., 130 lks. dist.. mdkd. T 6 S R 9 W S 23 B T.  
 A pinon pine, 18 ins. dia., bears N  $70^\circ$  W., 112 lks. dist.. mdkd. T 6 S R 9 W S 14 B T.  
 No tree in sec. 13; raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pine and cedar.  
 Undergrowth, sage brush and aspen saplings.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 80.00 chs.
- S.  $89^\circ 57'$  E., on a random line bet. secs. 13 and 24.  
 40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
 80.06 Intersect End Guide Meridian West, 21 lks. N. of the cor.

See Cor.  
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Page 2

## Subdivision of T 6 S. R 9 W. -Continued

- Chs. of secs. 13, 18, 19, and 24, heretofore described.
- Thence I run  
N. 89° 48' W., on a true line bet. secs. 13 and 24.  
 Over mountainous land; through heavy timber.
- Asc.
- 1.00 Leave heavy and enter scattering timber; bears N. and S.
- 23.00 Top of ridge, 250 ft. above sec. cor., bears N. 20° E. and S. 20° W.
- Desc.
- 40.03 Set a limestone, 15x15x4 ins., 10 ins. in the ground, for  
 sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
 A pinon pine, 8 ins. dia., bears N. 10° E., 20 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 13 B T.  
 A pinon pine, 11 ins. dia., bears S. 20° E., 60 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 24 B T.
- Enter scattering timber, bears N. and S.
- 60.00 Bottom of hollow, 300 ft. below ridge, course N. 70° W.
- Asc.
- 80.06 The cor. of secs. 13, 14, 23, and 24. (100 ft. above hollow)  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pinon pine, and cedar.  
 Undergrowth, sage and buck brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 80.06 chs.

July 17, 1904.

July 18, 1904: At 7 h 2 m a.m., l.m.t., I set off 39° 58' N., on t  
 the lat. arc; 21° 04' N., on the decl. arc; and determine a  
 mer. with the solar, at the cor. of secs. 13, 14, 23, and 24.  
 Thence I run  
 N. 0° 1' W., bet. secs. 13 and 14.

## Subdivision of T 6 S R 9 W -Continued

- Chs. Over mountainous land; through scattering timber and  
scattering undergrowth.
- Desc.
- 10.00 Bottom of hollow, 100 ft. below sec.cor., course N.70°W.  
Asc.
- 20.00 Top of spur, 50 ft. above hollow, bears N.70°W. and S.70°  
E.  
Desc.
- 40.00 Set a sandstone, 20x12x8 ins., 15 ins. in the ground, for  
 $\frac{1}{4}$  sec.cor., mkd.  $\frac{1}{4}$  on W. face; and raise a mound or stone,  
2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- 67.00 Bottom of canon, 250 ft. below spur, course N.30°E.  
Asc.
- 80.00 Set a limestone, 15x12x4 ins., 10 ins. in the ground, for  
cor. of secs. 11, 12, 13, and 14, mkd. with 4 notches on S. and  
1 notch on E. edges; from which
- A cedar, 6 ins. dia., bears N.35°E., 55 lks.  
dist.. mkd. T 6 S R 9 W S 12 B T.
  - A pinon pine, 5 ins. dia. bears S.74°E. 76 lks.  
dist.. mkd. T 6 S R 9 W S 13 B T.
  - A red cedar, 6 ins. dia., bears S.7°W., 57 lks.  
dist.. mkd. T 6 S R 9 W S 14 B T.
  - A cedar, 8 ins. dia., bears N.47°W., 30 lks.  
dist.. mkd. T 6 S R 9 W S 11 B T.
- Land, mountainous.
- Soil, gravelly and white clay; 3rd rate.
- Timber, pinon pine and cedar.
- Undergrowth, sage brush.
- Good grass for grazing.
- Mountainous land, 80.00 chs.
- 
- S.89° 48'E., on a random line bet. secs. 12 and 13.
- 40.00 Set temp.  $\frac{1}{4}$  sec.cor.

See Con-  
tinuing Notes  
Page 3.

See Con-  
tinuing Notes  
Page 4.

## Subdivision of T.6 S., R.9 W.-Continued.

Chs.	
<u>80.24</u>	Intersect 2nd Guide Meridian West, 23 lks. S. of the cor. of secs. 7, 12, 13, and 18, heretofore described. Thence I run N. <u>89° 58' W.</u> , on a true line bet. secs. 12 and 13. Over mountainous land; through scattering sage brush.
	Asc.
2.00	Enter scattering timber, bears N. and S.
14.50	Top of spur, 200 ft. above sec. cor., bears N. <u>35° E.</u> and S. <u>35° W.</u> Leave timber, bears with spur,
	Desc.
26.50	Bottom of hollow, 250 ft. below spur, course N. <u>20° E.</u>
	Asc.
40.12	Top of spur, 250 ft. above hollow, bears N. <u>10° E.</u> and S. <u>10° W.</u> Set a limestone, 18x10x3 ins., 12 ins. in the ground, for sec. cor. mkd. on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
	Desc.
58.00	Enter scattering timber, bears NW and SE.
75.00	Bottom of canon, 300 ft. below ridge, course N. <u>25° E.</u>
	Asc.
<u>80.24</u>	The cor. of secs. 11, 12, 13, and 14. Land, mountainous. Soil, gravelly; brd rate. Timber, pinon pine and cedar. Undergrowth, sage brush and buck brush. Good grass for grazing. Mountainous land, 80.24 chs.
	<u>N. <math>90^{\circ} 1' W.</math></u> ; bet. secs. 11 and 12. Over mountainous land; through scattering timber.

## Subdivision of T. 6 S. R. 9 W. -Continued

- Chs. Asc.
- 32.00 Top of ridge, 400 ft. above sec. cor., bears E. and W.
- Desc.
- 40.00 Head of hollow, 50 ft. below ridge, course E.  
Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone,  
2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.
- Asc.
- 49.00 Top of spur, 150 ft. above hollow, bears N.  $50^{\circ}$  E. and S.  $50^{\circ}$   
W.
- Desc.
- 80.00 Point 300 ft. below ridge.  
Set a sandstone, 20x10x6 ins., 15 ins. in the ground, for  
cor. of secs. 1, 2, 11, and 12, mkd. with 5 notches on S. and  
1 notch on E. edges; and raise a mound of stone,  $1\frac{1}{2}$  ft.  
base,  $1\frac{1}{2}$  ft. high, W. of cor.
- Land, mountainous  
Soil, gravelly and clay loam; 2nd rate.  
Timber, pinon pine and cedar.  
Good grass for grazing.  
Mountainous land, 80.00 chs.
- July 18, 1904: At the noon hour the sky is overcast and  
solar observations are impossible.
- 
- S.  $89^{\circ} 58' E.$ , on a random line bet. secs. 1 and 12.
- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.
- 80.26 Intersect 2nd Guide Meridian West, 7 lks. S. of the cor. or  
secs. 1, 6, 7, and 12, heretofore described.  
Thence I run  
S.  $89^{\circ} 59' W.$ , on a true line bet. secs. 1 and 12.  
Over mountainous land, through scattering timber.
- Asc.

} See Cor-  
rected No.  
Page 5

} See Cor-  
rected No.  
Page 5

## Subdivision of T 6 S R. 9. W Continued.

Chs.	
40.13	Set a limestone, 24x20x5 ins., 18 ins. in the ground, for sec.cor.. mkd. $\frac{1}{4}$ on N. face; dig pits, 18x18x12 ins. E. and W. of stone, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
45.00	Top of ridge, 500 ft. above sec.cor., bears N. and S. Desc.
54.00	Bottom of hollow, 100 ft. below ridge, course S. 20° E. Asc.
65.00	Top of ridge, 100 ft. above hollow, bears N. and S. Desc.
65.50	Enter heavy timber, bears N. and S.
76.00	Leave timber and enter dense undergrowth, bears N. and S.
80.26	The cor.of secs.1,2,11, and 12. Land, mountainous. Soil, gravelly and clay. loam; 2nd. rate. Timber, pinon pine and cedar. Undergrowth sage and buck brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.26 chs.
40.00	N. 0° 1' W., on a random line bet. secs.1 and 2. Set temp. $\frac{1}{4}$ sec.cor.
79.83	Intersect N.bdy. of Tp., 10 lks. N. S. 89° 58' W. of the cor.of secs.1,2,35, and 36, heretofore described. Thence 1 run S. 0° 3' W., bet. secs.1 and 2 on a true line. Over mountainous land; through scattering timber and dense undergrowth. Asc.
8.00	Top of ridge, 250 ft. above sec.cor., bears E. and W.

Corrective  
to Page 5

## Subdivision of T 6 S R 9 W -Continued

Chs.	Desc.
37.50	Ledge, 70 ft. high, bears E. and W.
39.83	Set a sandstone, 24x8x4 ins., 18 ins. in the ground, for sec.cor.. mkd. $\frac{1}{4}$ on W. face; from which A pinon pine, 15 ins. dia., bears N. 84° E., 220 lks. dist.. mkd. $\frac{1}{4}$ S 1 B.T. A pinon pine, 14 ins. dia., bears N. 80° W., 150 lks. dist.. mkd. $\frac{1}{4}$ S 2 B.T.
40.20	Foot of descent, 600 ft. below ridge, enter bottom of west fork of Avintaquin Canon, bears N. 80° E. and S. 60° W.
48.60	Creek, 20 lks. wide, 8 ins. deep, rocky bottom, rapid current, course N. 80° E..
52.00	Leave canon, bears N. 80° E. and S. 80° W.
	Asc.
68.00	Top of abrupt ascent, bears N. 80° E. and S. 80° W. Asc. more gradually.
<u>79.83</u>	The cor. of secs. 1, 2, 11, and 12. Land, mountainous and level. Soil, gravelly and rocky; 2nd and 4th rate. Timber, pinon pine and cedar. Undergrowth, sage, mahogany, and buck brush. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 79.83 chs.

See Correct  
Notes Page 6See Correct  
Notes Page 5

July 18, 1904.

July 19, 1904: At 7 h 2 m a.m., l.m.t., I set off 39° 55' N.,  
on the lat.arc; 20° 54' N., on the decl.arc; and determine  
a mer. with the solar, at the cor. of secs. 2, 3, 34, and 35,  
on S.bdy. of Tp., heretofore described.

Thence I run

N. 0° 1' W., bet. secs. 34 and 35.

Subdivision of T. 6 S., R. 9 W. -Continued.

Chs.	Over mountainous land; through scattering timber . Desc.
12.00	Bottom of hollow, 400 ft. below sec. cor.; course S.70° E. Asc.
25.00	Top of spur, 250 ft. above hollow, bears E. and W. Desc.
31.00	Head of hollow, 50 ft. below ridge, course E. Asc.
40.00	Set a quartzite stone, 14x11x7 ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{4}$ on W. face; from which An aspen, 5 ins. dia., bears N.2° E., 70 lks. dist.. mkd. $\frac{1}{4}$ S 35 B T. A red pine, 20 ins. dia., bears N.41° W., 85 lks. dist.. mkd. $\frac{1}{4}$ S 34 B T.
42.00	Leave timber, bears E. and W.
50.00	Top of ridge, 200 ft. above hollow, bears N.30° E. and S. 20° W. Desc.
60.50	Enter heavy timber, bears E. and W.
64.50	Leave timber, bears E. and W.
80.00	Point 100 ft. below ridge, Set a sandstone, 16x10x5 ins., 11 in. in the ground, for cor. of secs. 26, 27, 34, and 35, mkd. with 1' notch on S. and 2 notches on E. edges; from which A red pine, 10 ins. dia., bears N.39° E., 100 lks. dist.. mkd. T 6 S R 9 W S 26 B T. A red pine, 24 ins. dia., bears S.45° E., 120 lks. dist.. mkd. T 6 S R 9 W S 35 B T. A red pine, 24 ins. dia., bears S.15° W., 80 lks. dist.. mkd. T 6 S R 9 W S 34 B T. A red pine, 6 ins. dia., bears N.37° W., 75 lks. dist.. mkd. T 6 S R 9 W S 27 B T. Land, mountainous. Soil, gravelly; 3rd rate.

## Subdivision of T 6 S .R 9 W.-Continued.

- Chs. Timber, pinon pine and cedar and red pine.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.00 chs.
- 
- N.89° 52' E., on a random line bet. secs. 26 and 35.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
80.14 Intersect N. and S. line, 5 lks. S. of the cor. of secs.  
25, 26, 35, and '36.  
Thence L, run  
S.89° 50' W., on a true line bet. secs. 26 and 35.  
Over mountainous land; through dense undergrowth.  
Desc.  
15.00 Bottom of hollow, 400 ft. below ridge, course S.20° E.  
Asc.  
22.00 Top of steep ascent, 500 ft. above hollow, bears N.20° E.  
and S.20° W.  
Asc. gradually.  
40.07 Set a sandstone, 16x12x5 ins., 11 ins. in the ground, 10  
.x sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
A red pine, 10 ins. dia., bears N.30° E., 60 lks.  
dist.. mkd.  $\frac{1}{4}$  S 26 B T.  
An aspen, 3 ins. dia., bears E.30° E., 40 lks.  
dist.. mkd.  $\frac{1}{4}$  S 35 B T.  
Enter scattering timber, bears N. and S.  
52.00 Leave timber, bears N. and S.  
70.00 Top of ridge, 500 ft. above hollow, bears N. and S.  
Desc.  
74.00 Enter heavy timber, bears N. and S.  
80.14 The cor. of secs. 26, 27, 34, and 35.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and aspen.  
Undergrowth, aspen saplings, deer brush and sage brush.

## Subdivision of T. 6 S., R. 9 W.-Continued

Chs.	Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.14 chs.
	N. 0° 1' W., bet. secs. 26 and 27. Over mountainous land; through heavy timber. Desc.
8.50	Bottom of hollow, 200 ft. below ridge, course N. 60° W. Asc.
13.50	Leave heavy and enter scattering timber, bears E. and W.
35.00	Top of ridge, 75 ft. above hollow, bears N. 30° W. and S. 30° E. Desc.
40.00	Set a sandstone, 12x10x5 ins., 8 ins. in the ground, for $\frac{1}{2}$ sec. cor.. mkd. $\frac{1}{2}$ on W., face; from which A red pine, 6 ins. dia., bears N. 52° E. 103 lks. dist.. mkd. $\frac{1}{2}$ S 26 B T. A red pine, 10 ins. dia., bears N. 44° W., 47 lks. dist.. mkd. $\frac{1}{2}$ S 27 B T.
46.00	Top of same ridge, 75 ft. above $\frac{1}{2}$ sec. cor., bears N. 25° E. and S. 25° W. Leave timber, bears with ridge. Desc. along side of ridge.
80.00	Set a limestone, 16x10x5 ins., 11 ins. in the ground, for cor. or secs. 22, 23, 26, and 27, mkd. with 2 notches on S., and E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine, red pine, and aspen. Good grass for grazing. Mountainous or heavily timbered land, 80.00 chs July 19, 1904: At this cor. I set off 20° 50' N., on the decl.

## Subdivision of T.6 S., R.9 W.;-Continued.

- Chs. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is  $39^{\circ} 57'$  N., which is the proper lat. nearly.
- N.  $89^{\circ} 50'$  E., on a random line bet. secs. 25 and 26.
- 40.00 Set temp.  $\pm$  sec. cor.
- 80.00 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 23, 24, 25, and 26.  
Thence I run  
S.  $89^{\circ} 59'$  W., on a true line bet. secs. 23 and 26.  
Over mountainous land; through scattering undergrowth.  
Desc.
- 39.50 Enter dense aspen saplings, bears N. and S.
- 40.00 Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\pm$  on N. face; from which  
An aspen, 5 ins. dia., bears N.  $5^{\circ}$  E., 20 lks.  
dist.. mkd.  $\pm$  S 23 B T.  
An aspen, 6 ins. dia., bears S., 50 lks.  
dist.. mkd.  $\pm$  S 26 B T.
- 41.00 Leave aspen saplings, bears N. and S.
- 50.75 Bottom of canon, 300 ft. below sec. cor., course NE.  
Asc.
- 76.00 Top of ridge, 275 ft above canon, bears N.  $20^{\circ}$  E. and S.  $5^{\circ}$  W.  
Desc.
- 80.00 The cor. of secs. 22, 23, 26, and 27.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
No timber,  
Undergrowth, sage, buck, and service berry brush, and aspen saplings.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,
- 80.00 chs.

## Subdivision of T-6 S., R. 9. W. -Continued.

Chs.	
	N. 0° 1' W., bet. secs. 22 and 23.
	Over mountainous land; through scattering undergrowth.
	Asc.
4.00	Top of spur, 10 ft. above sec. cor., bears N. 50° W. and S. 60° E.
	Desc.
34.00	Bottom of hollow, 150 ft. below spur, course N. 70° W.
	Asc.
40.00	Set a sandstone, 16x11x4 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
55.00	Top of ridge, 100 ft. above hollow, bears N. 65° W. and S. 65° E.
	Desc. through dense undergrowth.
80.00	Point 200 ft. below spur, Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for cor. of secs. 14, 15, 22, and 23, mkd. with 3 notches on S. and 2 notches on E. edges; and raise a mound of stone, $\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous.
	Soil, gravelly and clay loam; 2nd rate.
	No timber.
	Undergrowth, sage, mahogany, and buck brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth,
80.00 chs.	
<hr/>	
	N. 89° 59' E., on a random line bet. secs. 14 and 23.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
80.04	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 13, 14, 23, and 24.
	Thence I run

Corrective  
Pages 6

Subdivision of T.6 S., R.9 W. Continued.

- Chs.      S. 89° 57' W., on a true line bet. secs. 14 and 23.  
           Over mountainous land; through scattering timber.  
 Desc.  
 19.85 Creek, 2 lks. wide, 2 ins. deep, in bottom of canon, 300 ft. below  
       sec. cor., course N. 30° E.  
 Asc.  
 20.00 Leave timber and enter dense undergrowth, bears N. and S.  
 40.02 Set a sandstone, 18x12x6 ins., 12 ins. in the ground, for  
       sec. cor.. mkd. # on N. face; and raise a mound of stone,  
       2 ft. base, 1 ft. high, N. of cor.  
 45.00 Top of ridge, 500 ft. above canon, bears N. 30° E. and S. 30°  
       W.  
 Desc.  
 71.00 Bottom of hollow, 400 ft. below ridge, course N. 60° W.  
 Asc.  
80.04 The cor. or secs. 14, 15, 22, and 23.  
 Land, mountainous.  
 Soil, gravelly and clay loam; 2nd rate.  
 Timber, pinon pine and cedar.  
 Undergrowth, mahogany, buck, and deer brush.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 80.04 chs.

July 19, 1904.

July 20, 1904: At 7 h 2 m a.m., l.m.t., I set off 39° 58' N.,  
 on the lat. arc;  $\approx 0^{\circ} 43' W.$ , on the decl. arc; and determine a  
 mer. with the solar, at the cor. of secs. 14, 15, 22, and 23.  
 Thence I run

N. 02° 1' W., bet. secs. 14 and 15.

Over mountainous land; through dense undergrowth.

Desc.

5.00 Creek, 1 lk. wide, 2 in. deep, 100 ft. below sec. cor., course

*See Con-*  
*struct N.W.*  
*Page 6*

*See Correct-*  
*ing Page 6*

## Subdivision of T 6 S R 9 W Continued

	N. 60° W., in bottom or hollow, course N. 60° W.
	A small spring bears S. 60° E. about 5.00 chs. dist.
	Enter scattering timber, bears with hollow. Asc.
24.00	Spur, 150 ft. above hollow, bears N. 60° W. and S. 60° E. Desc.
28.00	Enter heavy timber, bears N. 60° W. and S. 60° E.
32.50	Bottom of hollow, 150 ft. below spur, course N. 30° W. Leave heavy and enter scattering timber, bears with hollow. Asc.
33.75	Enter circular sheep corral.
34.75	Leave corral.
40.00	Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for sec. cor. mka. on W. face; dig pits, 18x18x12 ins., N. and S. of stone, 3 ft. dist.; and raise a mound of earth, $\frac{3}{2}$ ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
46.00	Enter scattering timber, bears E. and W.
69.50	Top of spur, 150 ft. above hollow, bears E. and W. Leave timber, bears E. and W. Desc.
80.00	Set a sandstone, 14x12x4 ins., 10 ins. in the ground, for cor. or secs. 10, 11, 14, and 15, mkd. with 4 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pinon pine and cedar. Undergrowth, sage, mahogany, and buck brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	N. 89° 57' E., on a random line bet. secs. 11 and 14.
40.00	Set temp. sec. cor.

## Subdivision of T. 6 S., R. 9 W. Continued.

Chs.

80.18 Intersect N. and S. line, 2 lks. S. of the cor. of secs.  
11, 12, 13, and 14.

Thence I run

S. 89° 56' W., on a true line bet. secs. 11 and 14.

Over mountainous land; through dense undergrowth.

Asc.

35.00 Top of ridge, 400 ft. above sec. cor., bears N. 60° E. and S. 60° W.

Continue ascent along side of hill.

40.09 Set a limestone, 14x10x4 ins., 10 ins. in the ground, for  
sec. cor., mkd.  $\frac{1}{2}$  on N. face; dig pits, 18x18x12 ins., E. and  
W. of stone, 5 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
base, 1 $\frac{1}{2}$  ft. high, N. of cor.

53.00 Top of spur, 50 ft. above ridge, bears N. 25° W. and S. 25° E.

Desc.

77.00 Head of hollow, 100 ft. below sec. cor., course N. 55° W.  
Asc.

80.18 The cor. of secs. 10, 11, 14, and 15.

Land, mountainous.

Soil, gravelly and clay loam; 2nd rate.

No timber.

Undergrowth, sage, mahogany, and buck brush.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth.

80.18 chs.

} See Cor-  
recting No.  
Page 7

} See Cor-  
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Page 7

} See Cor-  
recting No.  
Page 7

N. 0° 1' W., bet. secs. 10 and 11.

Over mountainous land; through dense undergrowth.

Desc.

4.50 Bottom of hollow, 25 ft. below sec. cor., course NW.  
Asc.

## Subdivision of T. 6 S., R. 9 W., Continued

Chs.	
20.00	Top of ridge, 100 ft. above hollow, bears NW and SE. Desc.
40.00	Set a sandstone, 15x10x3 ins., 10 ins. in the ground, for sec cor., mkd. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
80.00	Set a sandstone, 18x9x4 ins., 12 ins. in the ground, for cor. or secs. 2, 3, 10, and 11, mkd. with 5 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
	Land, mountainous . . . . .
	Soil, gravelly and clay loam; 2nd nate.
	No timber.
	Undergrowth, sage, buck, and mahogany brush.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth,
80.00 chs.	
	July 20, 1904: At the noon hour the sky is overcast and solar observations are impossible.
	N. 89° 56' E., on a random line bet. secs. 2 and 11.
40.00	Set temp. sec. cor.
80.08	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 1, 2, 11, and 12.
	Thence I run
	✓ <u>S. 89° 54' W.</u> , on a true line bet. secs. 2 and 11.
	Over mountainous land; through dense undergrowth.
	Desc.
2.80	Bottom of hollow, 40 ft. below sec. cor., course N.
	Asc.
12.00	Top of ridge, 200 ft. above hollow, bears N. 20° E. and S. 20° W.

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to Page 7Corrected  
to Page 7

## Subdivision of T 6 S R 9 W -Continued.

- Chs.
- 28.00 Bottom or hollow, 120 ft. below ridge, course N.  
Asc.  
40.04 Set a sandstone, 16x11x4 ins., 11 ins. in the ground, for  
sec.cor., mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor. }  
} See Construct  
} Note Page 1
- 44.00 Top of spur, 150 ft. above hollow, bears N.10°W. and S.10°E.  
Desc.
- 56.00 Bottom of hollow, 250 ft. below spur, course N.  
Asc.
- 59.00 Top of spur, 200 ft. above hollow, bears N.10°W. and S.10°E.  
Desc.
- 80.08 The cor. of secs. 2, 3, 10, and 11.  
Land, mountainous.  
Soil, gravelly; ora rate.  
No timber.  
Undergrowth, sage, buck, and mahogany brush.  
Good grass for grazing.  
Mountainous land, or land covered with the dense undergrowth, 80.08 chs.
- N.0°1'W., on a random line bet. secs. 2 and 3.
- 40.00 Set temp.  $\frac{1}{2}$  sec.cor.
- 86.11 Intersect N.bdy. of Tp., 7 lks. N.89°58'E., of the cor. of  
secs. 2, 3, 34, and 35, heretofore described.  
Thence I run  
S.0°4'E., on a true line bet. secs. 2 and 3.  
Over mountainous land; through dense undergrowth.  
Asc.
- 12.50 Top of ridge, 50 ft. above sec.cor., bears N.45°W. and S.50°E.

## Subdivision of T. 6 S., R. 9 E.-Continued.

Chs.	Desc.
26.50	Bottom of hollow, 200 ft. below ridge, course S. 50° E. Asc.
31.00	Top of ridge, 100 ft. above hollow, bears E. and W. Desc.
40.11	Set a sandstone, 20x10x8 ins., 15 ins. in the ground, for 1 sec.cor.. mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
47.25	Creek, 2 lks. wide, 1 ins. deep, in bottom of canon, 400 ft. below ridge, course E. Asc.
60.00	Top of ridge, 300 ft. above canon, bears NE and SW. Desc.
76.25	Creek, 25 lks. wide, 10 ins. deep, rapid current, rocky bottom, good water, course N. 50° E., in bottom of west fork of Avintaquin Canon, 350 ft. below ridge, course N. 30° E. Asc.
80.11	The cor. of secs. 2, 3, 10, and 11. Loud, mountainous. Soil, gravelly; 3rd rate. No timber. Undergrowth, sage, buck, and mahogany brush and willows. Good grass for grazing. Mountainous land, or land covered with dense undergrowth. 80.11 chs.

July 201904.

July 21, 1904; At 7 h 2 m P.M., I set off 38° 55' N.,  
on the lat. arc; 20° 31' N., on the decl. arc; and determine a  
mer. with the solar, at the cor. of secs. 3, 4, 33, and 34, on  
S. bdy. of Tp., heretofore described.  
Thence I run

## Subdivision of T. 6 S. R. 9 W.-Continued.

- Chs. N.0° 2'W., bet. secs. 33 and 34.  
 Overmountainous land; through scattering pine and aspen timber and dense undergrowth.
- Desc.
- .50 Top of spur, 10 ft. below sec. cor., bears NW. and SE.
- Desc.
- 9.50 Bottom of hollow, 50 ft. below spur, course N.60°W.
- Asc.
- 26.00 Top of spur, 200 ft. above hollow, bears N.60°W and S.60°E.
- Desc.
- 29 .50 Creek, 6 lks. wide, 6 ins. deep, course N.60°W., in bottom of hollow, 250 ft. below spur, course N.60°W.
- Asc.
- 35.00 Top of spur, 200 ft. above hollow, bears N.60°W. and S.60°E.
- Desc.
- 40:00 Set a limestone, 18x12x3 ins., 12 ins. in the ground, for  
 sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which  
     A pinon pine, 8 ins. dia., bears N.80° E., 60 lks.  
     dist.. mkd.  $\frac{1}{2}$  S 34 BT.  
     A balsam, 6 ins. dia., bears N.75°W., 75 lks.  
     dist.. mkd.  $\frac{1}{2}$  S 33 B T.
- 54.00 Enter heavy timber, bears E. and W.
- 61.00 Creek, 15 lks. wide, 6 ins. deep, in bottom of canon, 400 ft. below spur, course N.10°E.
- Asc.
- 80.00 Set a sandstone, 18x10x8 ins., 12 ins. in the ground, for  
 cor. of secs. 27, 28, 33, and 34, mkd. with 1 notch on S. and 5  
 notches on E. edges; from which  
     An aspen, 6 ins. dia. bears N.20° E., 90 lks.  
     dist.. mkd. T 6 S R 9 W S 27 B T.  
     An aspen, 6 ins. dia., bears S.30° E., 250 lks.  
     dist.. mkd. T 6 S R 9 W S 34 B T.  
     A red pine, 14 ins. dia. bears S.58° W., 160 lks.  
     dist.. mkd. T 6 S R 9 W S 33 B T.

Surveys from N. 30 sec. line - Continued.

- 28.00 A red pine, 6 inc. dia., bears N. 40° E., 165 lks.  
dist., rd. # 6 S. N. S. R. S. 98 S. T.  
Land, mountainous.  
Soil, gravelly and rocky; 3rd and 4th rate.  
Timber, pine.  
Undergrowth, aspen saplings, sage, service berry, buck,  
and deer brush.  
Good grass for grazing.  
Mountainous or heavily timbered land, 60.00 chs.
- \_\_\_\_\_
- 3.00 S. 80° 52' E., on a random line bet. sec. 27 and 34.  
40.00 Set temp. of sec. cor.  
50.00 Intersect N. and S. line, 2 lks. N. of the cor. of secn.  
26, 27, 34, and 35.  
Thence 1 run  
3.00 S. 80° 54' E., on a true line bet. sec. 27 and 34.  
Over mountainous land; through heavy timber.  
etc.  
8.00 Bottom of hollow, 100 ft. below sec. cor., course N.  
Ave.  
20.00 Top of spur, 25 ft. above hollow; bears N. and S.  
Deer.  
27.00 Bottom of hollow, 100 ft. below ridge, course W.  
Hence along bottom of hollow.  
40.00 Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for  
sec. cor., rd. # on N. face; from which:  
An aspen, 6 inc. dia., bears N. 15° E., 115 lks.  
dist., rd. # 27 S. T.  
A red pine, 6 inc. dia., bears S. 70° E., 100 lks.  
dist., rd. # 34 S. T.  
42.00 Leave hollow, course S. 75° E.  
etc.

Subdivision of sec. 8, R<sup>o</sup> 9W. -Continued

Chs.	
66.00	Top of spur, 500 ft. above hollow, bears N. 20° E. and S. 20° E.
	Desc.
74.50	Enter ledges, bears N. and S..
	Leave timber, bears N. and S..
	Desc.
76.00	Leave ledges, bears N. and S..
76.10	Creek, 20 lks. wide, 6 ins. deep, course N. 20° E., in bottom of hollow, 200 ft. below ridge, course N. 20° E.
	Asc.
80.06	The cor. or secs. 27, 28, 33, and 34.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pine and aspen.
	Good grass for grazing.
	Mountainous or heavily timbered land, 1000 ft., 80.06 chs.
	July 21, 1904: At this cor. I set off 20° 28' N., on the decl. arc; and at 6 h 2 m p.m., 1. l.t., I observe the sun on the mer. the resulting lat. is 59° 56' N., which is the proper lat. nearly.
	<hr/>
	N. 0° 2' W., bet. secs. 27 and 28.
	Over mountainous land; through scattering timber and dense undergrowth.
	Asc. along side of canon.
40.00	Set a sandstone, 16x12x5 ins., 11 ins. in the ground, for sec. cor. mkd. 2 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
80.00	500 ft. above sec. cor.
	Set a sandstone, 16x8x4 ins., 11 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, mkd. with 2 notches on S. and 3 notches on E. edges; from which

## Subdivision of T. 6 S., R. 9 W. -Continued.

- Chs.                   A cedar, 24 ins. dia., bears N. 73° E., 105 lks.  
                        dist. mkd. T 6 S R 9 W S 22 B T.
- An aspen, 3 ins. dia., bears S. 30° W., 65 lks.  
                        dist. mkd. T 6 S R 9 W S 28 B T.
- An aspen, 3 ins. dia., bears N. 31° 30' W., 89 lks.  
                        dist. mkd. T 6 S R 9 W S 21 B T.
- No other tree within limits; raise a mound of stone,  
  2 ft. base, 1½ ft. high, W. of cor.
- Land, mountainous.
- Soil, gravelly; 3rd rate.
- Timber, pine and cedar and aspen.
- Undergrowth, sage, buck, and deer brush.
- Good grass for grazing.
- Mountainous land, or land covered with dense undergrowth,  
  80.00 chs.
- 
- N. 89° 53' E., on a random line bet. secs. 22 and 27.
- 40.00 Set temp. at sec. cor.
- 79.82 Intersect N. and S. line, 23 lks. N. of the cor. of secs.  
  22, 23, 26, and 27.
- Thence I run  
  N. 89° 57' W., on a true line bet. secs. 22 and 27.
- Over mountainous land; through scattering timber and  
  scattering undergrowth.
- Desc.
- 37.00 Enter heavy timber, bears N. 60° W. and S. 60° E.  
  Leave undergrowth, bears N. 60° W. and S. 60° E.
- 37.80 Creek, 2 lks. wide, 2 ins. deep, in bottom of hollow, 500 ft.  
  below sec. cor., course N. 60° W.
- Asc.
- 39.91 Set a sandstone, 16x14x3 ins., 11 ins. in the ground, for  
  sec. cor. mkd. at on N. face; from which
- A red pine, 11 ins. dia., bears N. 20° E., 40 lks.

## Subdivision of T 6 S R 9 W -Continued

	C	dist..mkd. $\pi$ S 32 B T.
		A red pine, 14 ins. dia., bears S., 25 lks.
		dist..mkd. $\pi$ S 27 B T.
52.00	Top of spur, 150 ft. above hollow, bears NW and SE.	
	Desc.	
60.00	Creek, 15 lks. wide, 6 ins. deep, in bottom of canon, 500 ft. below spur, course N. $20^{\circ}$ E.	
		Leave heavy and enter scattering timber, bears with canon. asc.
79.82	Line cor. of secs. z1, z2, z7, and z8. (500 ft. above canon.) Land, mountainous.	
	Soil, gravelly; 3rd rate.	
	Timber, pinon pine, aspen, and red pine.	
	Undergrowth, sage, buck, and service berry brush.	
	Good grass for grazing.	
	Mountainous or heavily timbered land, 79.82 chs.	

July 21, 1904.

July 22, 1904: At 7 h 2 m a.m., I.r.t., I set off  $30^{\circ}57'N.$ , on the lat. arc;  $20^{\circ}19'W.$ , on the decl. arc; and determine a mer. with the solar, at the cor. of secs. z1, z2, z7, and z8.

Thence I run

N. $0^{\circ}2'W.$ , bet. secs. z1 and z2.

Over mountainous land; through scattering timber.

Desc.

9.25 Bottom of hollow, 180 ft. below sec. cor., course E.

Leave timber and enter dense undergrowth, bears E. and W.

20.00 Top of ascent, 200 ft. above hollow, bears E. and W.

Leave sage and buck brush and enter dense aspen saplings, bears E. and W.

Thence over mesa. Gently descending.

## Subdivision of T.6 S. R.9 W.-Continued.

Chs.	
30.00	Leave aspen and enter sage brush, bears E. and W.
40.00	Set a sandstone, 16x12x4 ins., 11 ins. in the ground, for 1/2 sec.cor.. mkd. $\frac{1}{2}$ on W. face; from which An aspen, 4 ins. dia., bears S. 30° E., 60 lks. dist., mkd. $\frac{1}{2}$ S. 22 B.T. An aspen, 5 ins. dia., bears S. 45° W., 55 lks. dist.. mkd. $\frac{1}{2}$ S 21 B.T.
80.00	Enter dense aspen sapling, bears SE and SW. Leave sage Set a sandstone, 17x8x5 ins., 12 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, mkd. 6 S on NE, 9. W on SE faces; with 3 notches on S., and E.edges; from which An aspen, 8 ins. dia., bears N. 60° E., 60 lks. dist.. mkd. T 6 S R 9 W S 25 B.T. An aspen, 3 ins. dia., bears S. 30° E., 44 lks. dist.. mkd. T 6 S R 9 W S 22 B.T. An aspen, 5 ins. dia., bears S. 33° W., 37 lks. dist.. mkd. T 6 S R 9 W S 21 B.T. An aspen, 4 ins. dia., bears N. 19° W., 29 lks. dist.. mkd. T 6 S R 9 W S 16 B.T. Land, mountainous and rolling mesa. Soil, gravelly and clay loam and rocky; 2nd and 4th rate. Timber, pine and aspen. Undergrowth, sage and buck brush and aspen saplings. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.
40.00	S. 89° 57' E., on a random line bet. secs. 15 and 22. Set temp. $\frac{1}{2}$ sec.cor.
79.60	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 14, 15, 22, and 23. Thence I run

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## Subdivision of T 6 S R 9 W -Continued

- Chs. N.  $89^{\circ} 59' W.$ , on a true line bet. secs. 15 and 22.  
 Over mountainous land; through dense undergrowth.  
 Asc.  
 25.00 Top of spur, 400 ft. above sec. cor., bears NW and SE.  
 Desc.  
 36.00 Creek, 12 lks. wide, 4 ins. deep, in bottom of canon 550 ft.  
 below ridge, course N.  
 Asc. through scattering timber.  
 39.80 Set a sandstone, 16x8x4 ins., 11 ins. in the ground, for  
 sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
     A pinon pine, 18 ins. dia., bears N.  $75^{\circ}$  E., 100 lks.  
     dist.. mkd.  $\frac{1}{2}$  S 15 B T.  
     A cedar, 8 ins. dia., bears S., 40 lks. dist.  
     mkd.  $\frac{1}{2}$  S 22 B T.  
 51.00 Top of ascent, 700 ft. above canon, bears N.  $20^{\circ}$  E. and S.  $20^{\circ}$   
 W.  
 Leave timber and enter dense sage brush, bears N.  $20^{\circ}$  E.  
 and S.  $20^{\circ}$  W.  
 Thence over rolling mesa.  
 55.00 Enter scattering timber, bears N. and S.  
 78.00 Leave timber and sage brush and enter dense aspen saplings,  
 bears N. and S.  
 79.60 The cor. of secs. 15, 16, 21, and 22.  
 Land, mountainous and rolling mesa.  
 Soil, gravelly and clay loam and rocky; 2nd and 4th rate.  
 Timber, pinon pine and cedar.  
 Undergrowth, sage brush and aspen saplings.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 79.80 chs.  
 July 22, 1904: At this cor. I set off  $20^{\circ} 16' N.$ , on the decl.  
 arc; and at 6 h 2 m p.m., 1.m.p., I observe the sun on the  
 mer. the resulting lat. is  $39^{\circ} 58' N.$ , which is the proper  
 lat. nearly.

## Subdivision of T. 6 S., R. 9 W. Continued.

Chs.	N. 0° 2' W., bet. secs. 15 and 16.
	Over gently rolling mesa; through dense aspen saplings.
.50	Leave aspen saplings and enter dense sage brush and scattering pinon pine and cedar timber, bears E. and W.
8.00	Leave timber, bears N. 20° W. and S. 20° E.
40.00	Set a sandstone, 15x8x3 ins., 10 ins. in the ground, for 1 sec. cor.. mkd. $\frac{1}{2}$ on W. face; from which  A red pine, 10 ins. dia., bears N. 30° E., 150 lks. dist.. mkd. $\frac{1}{2}$ S 15 B T.  A red pine, 15 ins. dia., bears N. 20° W., 200 lks. dist.. mkd. $\frac{1}{2}$ S 16 B T.
	Enter scattering timber, bears E. and W.
41.00	Leave mesa, bears NE and SW. Desc. abruptly.
79.75	Creek, 20 lks. wide, 6 ins. deep, gravelly bottom, rapid current, in bottom of west fork of Avintaquin Canon, 1000 ft. below mesa, course NE. The creek at this point runs east about 2.00 chs. thence NE. Asc.
80.00	Set a limestone, 16x10x4 ins., 11 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, mkd. with 4 notches on S. and 3 notches on E. edges; from which  A red pine, 10 ins. dia., bears N. 60° E., 120 lks. dist.. mkd. T 6 S R 9 W S 10 B T.  A red pine, 10 ins. dia., bears S. 3° E., 57 lks. dist.. mkd. T 6 S R 9 W S 15 B T.  A red pine, 8 ins. dia., bears S. 80° W., 158 lks. dist.. mkd. T 6 S R 9 W S 16 B T.  A cottonwood 12 ins. dia., bears N. 50° W., 116 lks. dist.. mkd. T 6 S R 9 W S 9 B T.
	Land, mountainous and rolling mesa. Soil, gravelly loam and white clay; 2nd and 3rd rate. Timber, pine and cottonwood. Undergrowth, sage brush and aspen saplings. Good grass for grazing.

Subdivision of T.6 S., R.9 W.-Continued.

Chs. Mountainous land, or land covered with dense undergrowth,  
80.00 chs..

July 22, 1904: At this cor. latitude  $39^{\circ} 58' 29''$ N., longitude  
 $110^{\circ} 56' 26''$ W., I set off  $39^{\circ} 58' N.$ , on the lat.arc;  $20^{\circ} 14' N.$ ,  
on the decl.arc; and at 5 h 2 m p.m., l.m.t., I determine a  
mer. with the solar, and mark a point thereof on a stone,  
firmly set in the ground, 5.00 chs. N. of cor.

At 11 h 27 m p.m., l.m.t., I observe Pol. at eastern elong.  
in accordance with the Manual, and mark a point in the line  
thus determined, on a peg driven in the ground, 5.00 chs.  
N. of the cor.

July 22, 1904.

July 23, 1904: At 6 h 30 m a.m., l.m.t., I lay off the  
azimuth of Pol.  $1^{\circ} 34.4'$  to the west, and mark the mer. thus  
determined, by cutting a small groove in the stone already  
set 5.00 chs. N. of the cor.; this mark falls 0.4 ins. east  
of the mer. determined with the solar.

At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 58' N.$ , on the lat.  
arc;  $20^{\circ} 07' N.$ , on the decl.arc; ... ; and mark the meridian  
determined with the solar, by a cross on the stone already  
set 5.00 chs. N. of cor.; this mark falls 0.39 ins. east  
of the mer. established by Polobsn.

The solar apparatus by p.m. and a.m. observations defines  
positions for meridians respectively about  $0^{\circ} 20'$ west and  
 $0^{\circ} 21''$ east of the mer. established by polobsn; therefore  
I concluded that the adjustments of the instrument are  
satisfactory.

The magnetic bearing of the mer. at 7 h 30 m a.m., is  
 $N. 16^{\circ} 40' W.$ , the angle thus determined, gives the mag.  
decl.  $16^{\circ} 40' E.$

## Subdivision of T.6 S., R.9 E.-Continued.

Chs.	
	S.89° 59'E., on a random line bet. secs. 10 and 15.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.68	Intersect N. and S. line, 2 lks. S. of the cor. of secs. 10, 11, 14, and 15. Themce I run West, on a true line bet. secs. 10 and 15. Over mountainous land; through dense sage and mahogany.
	Asc.
21.00	Top of ridge, 100 ft. above sec. cor., bears NW and SE. Desc.
25.00	Enter scattering cedar and pinon pine timber, bears N. and S.
39.84	Set a sandstone, 22x10x4 ins., 16 ins. in the ground, for $\frac{1}{2}$ sec. cor.. mkd. $\frac{1}{2}$ on N. face; from which A pinon pine, 20 ins. dia., bears N. 46° W., 112 lks. dist., mkd. $\frac{1}{2}$ S 10 B.T. A cedar .6 ins. dia., bears S. 23° E., 94 lks. dist. mkd. $\frac{1}{2}$ S 15 B.T.
53.00	Creek, 5 lks. wide, 4 ins. deep, rocky bottom, rapid current, good water, in bottom of canon, 600 ft. below ridge, course N. Asc.
67.00	Top of ridge, 500 ft. above canon, bears N. and S. Desc.
78.00	Creek, 20 lks. <sup>wide</sup> 6 ins. deep, rocky bottom, rapid current, in bottom of west fork of Avintaquin Canon, 800 ft. below ridge, course NE. Asc.
79.68	The cor. of secs. 9, 10, 15, and 16. Land, mountainous. Soil, gravelly; 3rd rate. Timber, cedar, pinon pine, and a few cottonwoods and red pines along west fork of Avintaquin canon. Undergrowth, sage brush and mahogany.

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to page 12

## Subdivision of T. 6 S., R. 9 W.-Continued.

- Chs. Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
79.68 chs.
- 
- — —
- N. 0° 2' W., bet. secs. 9 and 10.  
Over mountainous land ; through scattering timber.  
Asc.  
10.00 Top of spur, 300 ft. above sec. cor., bears E. and W.  
Desc.  
21.00 Bottom of hollow, 150 ft. below spur, course E.  
Asc.  
36.00 Top of ridge, 500 ft. above hollow, bears E. and W.  
Leave timber and enter dense oak and mahogany brush,  
bears E. and W.  
Desc.  
40.00 Set a sandstone, 14x7x6 ins., 9 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor., mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
42.00 Bottom of hollow, 100 ft. below ridge, course E.  
Asc.  
80.00 Point 200 ft. above hollow,  
Set a limestone, 18x9x4 ins., 12 ins. in the ground, for  
cor. of secs. 3, 4, 9, and 10, mkd. with 5 notches on S. and  
3 notches on E. edges; from which  
A cedar, 24 ins. dia. bears S. 35° W., 202 lks.  
dist.. mkd. T 6 S R 9 W S 9 B T.  
A cedar, 10 ins. dia., bears N. 37 ° W., 111 lks.  
-dist.. mkd. T 6 S R 9 W S 4 B T.  
No other trees within limits; and raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.  
Land, mountainous .  
Soil, sandy and gravelly ; 3rd rate.  
Timber, cedar and pinon pine.

	Subdivision of T. 6 S..R. 9 W.-Continued.
Chs.	<p>Undergrowth,sage brush and mahogany.</p> <p>Good grass for grazing.</p> <p>Mountainous land,or land covered with dense undergrowth, 80.00 chs.</p> <p>July 23,1904:At the noon hour the sky is overcast and solar observations are impossible.</p> <hr/>
40.00	<p>East, on a random line bet.secs.3 and 10.</p> <p>Set temp. <math>\frac{1}{2}</math> sec.cor.</p>
79.92	<p>Intersect N.and S.line,<math>\frac{1}{2}</math> lks.S.of the cor.of secs. 2,3,10, and 11.</p> <p>Thence I run</p> <p><math>S.89^{\circ}59'W.</math>,on a true line bet.secs.3 and 10.</p> <p>Over mountainous land ;through dense undergrowth.</p> <p>Desc.</p>
2.00	<p>Greek,25 lks.wide,6.ins.deep,rocky bottom,rapid current, good water,in bottom of west fork of Avintauin Canon, 25 ft.below sec.cor.,course N.<math>25^{\circ}E</math>.</p> <p>Asc.</p>
39.96	<p>Point 900 ft.above canon.</p> <p>Set a sandstone,18x9x7 ins.,12 ins.in the ground,for <math>\frac{1}{2}</math> sec.cor..mkd.<math>\frac{1}{2}</math> on N.face;and raise a mound of stone,2 ft.base,<math>1\frac{1}{2}</math> ft.high,N.of cor.</p>
79.92	<p>Point 1000 ft.above canon.</p> <p>The cor.of secs.3,4,9, and 10.</p> <p>Land,mountainous .</p> <p>Soil,sandy and gravelly;3rd rate.</p> <p>No timber.</p> <p>Undergrowth,sage brush and mahogany.</p> <p>Good grass for grazing.</p> <p>Mountainous land,or land covered with dense undergrowth, 79.92 chs.</p> <hr/>

## Subdivision of T. 6 S., R. 9 W.-Continued.

- Chs. N.0° 2' W., on a random line bet. secs. 3 and 4.
- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.
- 79.94 Intersect N. bdy. of Tp., 10 lks. S. 89° 58' W. of the cor. of secs. 3, 4, 33, and 34, heretofore described.  
Thence I run  
S.0° 2' W., on a true line bet. secs. 3 and 4.  
Over mountainous land; through dense undergrowth.  
Desc. along side of ridge.
- 35.00 Bottom of hollow, 450 ft. below sec. cor., course S. 15° E.  
Asc. through scattering timber.
- 39.94 Set a limestone, 16x10x4 ins., 11 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which  
A red pine, 7 ins. dia., bears N. 55° E., 75 lks.  
dist. mkd.  $\frac{1}{2}$  S 3 B T.  
A cedar, 11 ins. dia., bears S. 68° W., 70 lks.  
dist. mkd.  $\frac{1}{2}$  S 4 B T.
- 42.50 Top of spur, 80 ft. above hollow, bears N. 80° W. and S. 80° E.  
Desc.
- 49.50 Creek, 2 lks. wide, 1 ins. deep, in bottom of canon, 180 ft. below spur, course E.  
Asc.
- 78.00 Top of ridge, 600 ft. above canon, bears N. 80° E. and S. 80° W.  
Desc.
- 79.94 The cor. of secs. 3, 4, 9, and 10.  
Land, mountainous.  
Soil, sandy and gravelly; 3rd rate.  
Timber, pine and cedar.  
Undergrowth, sage brush and mahogany.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
79.94 chs.

July 23, 1904.

## Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.

July 24, 1904: At 7 h 2 m a.m., l.m.t., I set off  $39^{\circ} 55' N.$ , on the lat. arc;  $19^{\circ} 55' N$ , on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 4, 5, 32, and 33., on S. bdy. of Tp., heretofore described.

Thence I run

$N. 0^{\circ} 3' W.$ , bet. secs. 32 and 33.

Over mountainous land; through dense aspen saplings and deer and sage brush.

Desc.

- 1.00 Creek, 10 lks. wide, 3 ins. deep, in bottom of canon, course N.  $60^{\circ} W.$   
 Asc.  
 1.25 Leave aspen saplings, bears N.  $60^{\circ} W.$  and S.  $60^{\circ} E.$   
 16.00 Top of spur, 600 ft. above canon, bears E. and W.  
 Desc. gradually along side hill.  
 40.00 Set a sandstone,  $20 \times 10 \times 5$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 61.50 Creek, 3 lks. wide, 2 ins. deep, in bottom of hollow, 500 ft. below spur, course W.  
 Asc.  
 80.00 Point 350 ft. above canon.  
 Set a sandstone,  $18 \times 10 \times 8$  ins., 12 ins. in the ground, for cor. of secs. 28, 29, 32, and 33 mkd. with 1 notch on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Land, mountainous.  
 Soil, gravelly loam; 2nd rate.  
 No timber.  
 Undergrowth, aspen saplings, sage and deer brush.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 80.00 chs.

## Subdivision of T.6 S., R.9 W.-Continued.

- Chs. N.  $80^{\circ} 52' E.$ , on a random line bet. secs. 28 and 33.
- 40.00 Set temp.  $\pm$  sec. cor.
- 79.90 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 27, 28, 33, and 34.  
Thence I run  
 $5.89^{\circ} 54' W.$ , on a true line bet. secs. 28 and 33.  
Over mountainous land; through dense service berry, sage, and deer brush, and scattering timber.  
ASC.
- 25.00 Top of ascent, 600 ft. above sec. cor., bears N. and S.  
Thence over rolling mesa.
- 39.95 Set a sandstone,  $20 \times 10 \times 4$  ins., 15 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
An aspen, 4 ins. dia., bears  $N. 75^{\circ} W.$ , 350 lks.  
dist.. mkd.  $\frac{1}{2}$  S 28 B T.  
An aspen, 6 ins. dia., bears  $S. 35^{\circ} W.$ , 400 lks.  
dist.., mkd.  $\frac{1}{2}$  S 33 B T.
- 66.00 Leave mesa, bears N. and S.  
Desc.
- 79.90 Point 400 ft. below mesa.  
The cor. of secs. 28, 29, 32, and 33.  
Land, mountainous and rolling mesa.  
Soil, gravelly and clay loam; 2nd rate.  
Timber, pine and aspen.  
Undergrowth, service berry, sage and deer brush, and aspen saplings.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
79.90 chs.
- July 24, 1904: At this cor. I set off  $19^{\circ} 51' N.$ , on the decl. arc; and at 0 h 2 m p.m., 1 m.t., I observe the sun on the mer. the resulting lat. is  $39^{\circ} 56' N.$ , which is the proper lat. nearly.

## Subdivision of T. 6 S. R. 9 W.-Continued.

Chts.	
	N.0° 3'W.,bet.secs.28 and 29.
	Over mountainous land;through dense undergrowth and scattering timber.
	Asc.
3.00	Top of spur,300 ft.above sec.cor.,bears E.and W.
	Desc.
40.00	Set a sandstone,18x9x4 ins.,12 ins.in the ground,for $\frac{1}{4}$ sec.cor..mkd. $\frac{1}{2}$ on W.face;dig pits,18x18x12 ins.,N.and S.of stone,3 ft.dist.;and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.high,W.of cor.
49.00	Creek,2 lks.wide,1 in.deep,in bottom of hollow,500 ft.below spur,course W.
	Asc.
52.50	Top of spur,100 ft.above hollow,bears E.and W.
	Desc.
65.50	Creek,5 lks.wide,5 ins.deep,in bottom of canon,250 ft.below spur,course N.20°E.
	Asc.
72.00	Leave undergrowth,bears E.and W.
80.00	Set a sandstone,16x11x3 ins.,11 ins.in the ground,for cor.of secs.20,21,28, and 29,mkd.with 2 notches on S.and 4 notches on E.edges;and raise a mound of stone,2 ft. base, $1\frac{1}{2}$ ft.high,W.of cor.
	Land,mountainous .
	Soil,gravelly loam;3rd rate.
	Timber,pine and aspen.
	Undergrowth,aspen saplings,service berry and deer brush.
	Good grass for grazing.
	Mountainous land,or land covered with dense undergrowth,
80.00 chs.	
	N.89° 54'E.,on a random line bet.secs.21 and 28.
40.00	Set temp. $\frac{1}{2}$ sec.cor.

## Subdivision of T 6 S R 9 W -Continued

Chs.

80.08 Intersect N.and S.line,7 lks.S.of the cor.of secz.  
21,22,27, and 28.

Thence I run

S. $89^{\circ}51'W.$ ,on a true line bet.secs.21 and 28.Over mountainous land;through scattering timber and  
asattering undergrowth.

Asc.

18.00 Top of ascent,400.ft.above sec.cor.,bears N. $10^{\circ}E.$  and  
S. $10^{\circ}W.$

Thence over rolling mesa.

34.00 Leave timber,bears N.and S.

40.64 Set a sandstone,20x11x4 ins.,15 ins.in the ground,for  
 $\frac{1}{4}$  sec.cor..mkd. $\frac{1}{2}$  on N.face;and raise a mound of stone,  
2 ft.base, $1\frac{1}{2}$  ft.high,N.of cor.

46.00 Leave mesa,bears N. $10^{\circ}E.$  and S. $10^{\circ}W.$ 

Desc.

51.00 Enter heavy timber,bears N. $30^{\circ}E.$  and S. $30^{\circ}W.$ 

53.00 Leave timber,bears N.and S.

76.50 Creek,5 lks.wide,7 ins.deep,in bottom of canon,600 ft.be-  
low mesa,course N. $5^{\circ}W.$

Asc.

80.08 The cor.of secs.20,21,28, and 29,

Land,mountainous and rolling mesa.

Soil,sandy and gravelly loam;2nd rate.

Timber,pine and aspen .

Undergrowth,aspen saplings,deer brush and sage brush.

Good grass for grazing.

Mountainous land,or land covered with dense undergrowth.

80.08 chs.

July 24,1904.

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July 25,1904:At 7 h 2 m a.m.,l.m.t.,I set off  $39^{\circ}57'N.$ ,on  
the lat.arc; $19^{\circ}42'N.$ ,on the decl.arc;and determine a

## Subdivision of T.6.S. R.9.W -Continued.

- Chs.. mer.with the solar,at the cor.of secs.20,21,28, and 29,  
Thence I run  
N.0° 3'W.,betsecs.20 and 21.  
Over mountainous land;through scattering undergrowth.  
Desc.  
6.0 Enter heavy timber,bears E.and W.  
11.00 Creek,6 lks.wide,4 ins.deep,in bottom of canon,200 ft.below  
sec.cor.,course N.20° W.,  
Leave timber,bears with canon.  
Enter scattering undergrowth,bears with canon.  
Asc.  
22.00 Top of spur,100 ft.above canon,bears E.and W.  
Desc.  
28.00 Creek,12 lks.wide,6 ins.deep,in bottom of west fork  
of Avintaquin Canon,150 ft.below spur,course N.30° E.  
Enter heavy timber,bears N.30 E.and S.30° W. Asc.  
33.00 Enter dense undergrowth,bears N.30° E.and S.30° W.  
Leave timber,bears N.30° E.and S.30° W.  
40.00 Set a sandstone,18x11x9 ins.,12 ins.in the ground,for  
 $\frac{1}{2}$  sec.cor..mkd. $\frac{1}{2}$  on W.face;and raise a mound of stone,  
2 ft.base,1 $\frac{1}{2}$  ft.high,W.of cor.  
45.00 Enter scattering timber,bears W.and E.  
80.00 Set a sandstone,18x10x5 ins.,12 ins.in the ground,for  
cor.of secs.16,17,20, and 21,mkd.with 3 notches on S.and  
4 notches on E.edges;fromr which  
A pinon pine,20 ins.dia.,bears N.23° E.,235 lks.  
dist..mkd.T 6 S R 9 W S 16 B T.  
A cedar,7 ins.dia.,bears S.74° E.,275 lks.  
dist..mkd.T 6 S R 9 W S 21 B T.  
No other trees within limits;and raise a mound of stone,  
2 ft.base,1 $\frac{1}{2}$  ft.high,W.of cor.  
Land,mountainous .  
Soil,sandy and gravelly;3rd rate.  
Timber,pine and aspen and cedar.

Corrective  
to Page 13

## Subdivision of T.6.S., R.9 W.-Continued.

- Clas. Undergrowth, willows, service berry and deer brush.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
80.00 chs.
- 
- 40.00 N.  $89^{\circ} 51' E.$ , on a random line bet. secs. 16 and 21.  
Set temp. & sec. cor.
- 60.14 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 15, 16,  
21, and 22.  
Thence I run  
S.  $89^{\circ} 44' W.$ , on a true line bet. secs. 16 and 21.  
Over rolling mesa; through dense aspen saplings and  
fallen dead timber. Gently ascending.
- 16.00 Leave mesa, bears N. and S.  
Leave aspen saplings and enter dense sage and deer  
brush, bears N. and S.  
Desc.
- 24.00 Bottom of hollow, 80 ft. below mesa, course N.  
Asc.
- 28.00 Enter aspen and pine timber, bears N. and S.
- 33.00 Top of spur, 120 ft. above hollow, bears N. and S.  
Desc.
- 40.07 Set a sandstone, 14x12x5 ins., 10 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
A red pine, 6 ins. dia., bears N.  $40^{\circ} E.$ , 98 lks.  
dist.. mkd.  $\frac{1}{2}$  S 16 B T.  
A red pine, 8 ins. dia., bears S., 30 lks. dist.  
mkd.  $\frac{1}{2}$  S 21 B T.
- 56.00 Creek, 12 lks. wide, 6 ins. deep, rapid current, rocky bottom  
in bottom of west fork of Avintaquin Canon, 700 ft. below  
spur, course N.  $20^{\circ} E.$   
Asc.
- 80.14 The cor. of secs. 16, 17, 20, and 21. (600 ft. above canon)

See Correc  
Note Page 1

## Subdivision of T.6 S., R.9 W.-Continued.

- Chs. Land, mountainous and rolling mesa.  
 Soil, sandy and gravelly; 3rd rate.  
 Timber, aspen and pine.  
 Undergrowth, aspen saplings, sage and deer brush.  
 Good grass for grazing.  
 Mountainous land, or land covered with dense undergrowth,  
 80.14 chs.  
 July 25. 1904: At this cor. I set off  $19^{\circ} 39' N.$ , on the decl.  
 arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the  
 mer. the resulting lat. is  $39^{\circ} 58' N.$ , which is the proper  
 lat. nearly.

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N. $0^{\circ} 3' W.$ , bat. secs. 16 and 17.

- Over mountainous land; through dense undergrowth.  
 Asc.  
 13.00 Top of ridge, 200 ft. above sec. cor., bears NE and SW.  
 Desc.  
 15.00 Enter scattering timber, bears NE and SW.  
 40.00 Set a sandstone,  $14 \times 10 \times 8$  ins., 9 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which  
 A red pine, 10 ins. dia., bears N. $55^{\circ}$  E., 30 lks.  
 dist. mkd.  $\frac{1}{2}$  S 16 B T.  
 A red pine, 9 ins. dia., bears W., 25 lks.  
 dist. mkd.  $\frac{1}{2}$  S 17 B T.  
 41.50 Creek, 10 lks. wide, 8 ins. deep, in bottom of canon 900 ft.  
 below ridge, course N. $70^{\circ}$  E.  
 Asc.  
 52.50 Top of ridge, 400 ft. above canon, bears N. $80^{\circ}$  W. and S. $80^{\circ}$   
 E.  
 Desc.  
 75.50 Bottom of hollow, 100 ft. below ridge, course SE.  
 Leave timber, bears NW and SE.  
 Asc.

Concluded  
and page 13

## Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.

- 80.00 Set a sandstone, 18x10x5 ins., 12 ins. in the ground, for cor. of secs. 8, 9, 16, and 17, mkd. with 4 notches on S., and E. edges; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and aspen.  
Undergrowth, sage and deer brush and aspen saplings.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
80.00 chs.

N.  $89^{\circ} 44' E.$ , on a random line bet. secs. 9 and 16.

- 40.00 Set temp.  $\frac{1}{2}$  sec. cor.  
80.18 Intersect N. and S. line, 14 lks. N. of the cor. of secs. 9, 10, 15, and 16.  
Thence I run  
S.  $89^{\circ} 50' W.$ , on a true line bet. secs. 9 and 16.  
Over mountainous land; through scattering timber and scattering undergrowth.

Asc.

- 16.00 Top of ridge, 800 ft. above cor., bears N. and S.  
Desc.  
40.00 Set a sandstone, 18x9x6 ins., 12 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
45.00 Bottom of hollow, 250 ft. below ridge, course SE.  
Asc.  
60.00 Top of ridge, 300 ft. above hollow, bears N.  $30^{\circ} W.$  and S.  $30^{\circ} E.$   
Leave timber, bears with ridge.  
Desc.

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## Subdivision of T.6 S., R.9 W.-Continued.

Chs.

- 80.18 The cor. of secs. 8, 9, 16, and 17. (500 ft. below ridge.)  
 Land, mountainous.  
 Soil, gravelly; 3rd rate.  
 Timber, pine and aspen and cedar.  
 Undergrowth, sage and deer brush and aspen saplings.  
 Good grass for grazing.  
 Mountainous land, 80.18 chs.

July 25, 1904.

July 26, 1904: At 6 h 59 m a.m., l.m.t., I set off  $39^{\circ} 58' N.$ , on the lat. arc;  $19^{\circ} 28' N.$ , on the decl. arc; and determine a mer. with the solar, at the cor. of secs. 8, 9, 16, and 17.

Thence I run

N.  $0^{\circ} 3' W.$ , bet. secs. 8 and 9:

Over mountainous land; through dense undergrowth.

Asc.

- 36.50 Top of ridge, 250 ft. above sec. cor., bears E. and W.  
 Enter scattering timber, bears E. and W.

Desc.

- 40.00 Set a limestone, 14x10x4 ins., 10 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which

A red pine, 10 ins. dia., bears S.  $88^{\circ} E.$ , 133 lks.  
 dist.. mkd.  $\frac{1}{4}$  S 9 B. T.

A red pine, 5 ins. dia., bears N.  $44^{\circ} W.$ , 24 lks.  
 dist.. mkd.  $\frac{1}{4}$  S 8 B. T.

- 50.00 Head of hollow, 100 ft. below ridge, course E.

Asc.

- 61.00 Top of ridge, 75 ft. above hollow, bears N.  $60^{\circ} E.$  and S.  $60^{\circ} W.$   
 Desc.

- 80.00 Set a sandstone, 18x12x7 ins., 12 ins. in the ground, for

Subdivision of T 6 S. R.9 W.-Continued.

Chs. cor.of secs.4,5,8, and 9,mkd.with 5 notches on S.and 4 notches on E.edges; from which

A white pine, 6 ins.dia., bears N.54° E., 350 lks.

dist..mkd T 6 S R 9 W S 4 B T.

An aspen, 5 ins.dia.bears S.24° E., 105 lks.

dist..mkd .T 6 S R 9 W S 9 B T.

No other trees within limits; raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, pine and aspen.

Undergrowth,sage ,mahogany and deer brush.

Good grass for grazing.

Mountainous land,or land covered with dense undergrowth, 80.00 chs.

See Cor  
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Page 7

N.89° 50' E., on a random line bet.secs. 4 and 9.

40.00 Set temp. at sec.cor.

79.94 Intersect N.and S.line, 18 lks.N.of the cor.of secs. 3,4,9, and 10.

Thence I run

✓ S.89° 58' W., on a true line bet.secs.4 and 9.

Over mountainous land; through scattering timber and dense undergrowth.

Asc.

10 00 Top of ridge,100 ft.above sec.cor.,bears N.80° E.and S.80° W. Leave timber,bears with ridge.

Desc.

39.97 Set a sandstone,20x10x9 ins.,15 ins.in the ground,for at sec.cor..mkd. at on N.face;and raise a mound of stone, 2 ft.base, 1½ ft.high, N.of cor.

79.94 The cor.of secs.4,5,8, and 9.

Land, mountainous.

## Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.	Soil, gravelly loam; 2nd rate. Timber, pine. Undergrowth, sage and mahogany. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 79.94 chs. July 26, 1904: At the noon hour the sky is overcast and solar observations are impossible.
	5
	N. 0° 3' W., on a random line bet. secs. 4 and 5.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.70	Intersect N. bdy. of Tp., 14 lks. N. 89° 58' E., of the cor. of secs. 4, 5, 32 and 33, heretofore described. Thence I run S. 0° 9' E., on a true line bet. secs. 4 and 5. Over mountainous land; through dense undergrowth.
	Desc.
35.00	Creek, 3 lks. wide, 2 ins. deep, in bottom of canon, 600 ft. below sec. cor., course S. 70° E. Asc.
39.70	Set a sandstone, 16x8x6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on W. face; from which An aspen, 3 ins. dia., bears N. 30° E., 200 lks. dist.. mkd. $\frac{1}{4}$ S 4 B T. An aspen, 3 ins. dia., bears N. 10° W., 80 lks. dist.. mkd. $\frac{1}{4}$ S 5 B T.
50.00	Top of ridge, 600 ft. above canon, bears N. 60° E. and S. 60° W. Desc.
65.25	Bottom of hollow, 350 ft. below ridge, course N. 60° E. ASC.
79.70	The cor. of secs. 4, 5, 8, and 9. (400 ft. above hollow.)

Subdivision of T 6 S .R 9 W -Continued

Chs.	Land, mountainous . Soil, gravelly 3rd rate. Timber, pine and aspen.. Undergrowth,sage and deer and mahogany brush. Good grass for grazing. Mountainous land,or land covered with dense undergrowth, 79.70 chs.
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July 26,1904.

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July 27,1904:At 7 h 2 m a.m.,l.m.t.,I set off  $39^{\circ}55'N.$ , on the lat.arc; $19^{\circ}16'N.$ ,on the decl.arc;and determine a mer.with the solar,at the cor.of secs.5,6,31, and 32, on S.bdy.of Tp.,heretofore described.

Thence I run

 $N.0^{\circ}3'W.$ ,betsecs.31 and 32.

Over mountainous land;through scattering timber .

Asc.

21.00 Top of ridge,250 ft.above sec.cor.,bears N. $30^{\circ}E.$  and S. $30^{\circ}W.$ .

Desc.

40.00 Set a sandstone,16x12x8 ins.,11 ins.in the ground,for  $\frac{1}{2}$  sec.cor..mkd. $\frac{1}{2}$  on W.face;and raise a mound of stone, 2 ft.base, $1\frac{1}{2}$  ft.high,W.of cor.

77.50 Creek,5 lks.wide,6 ins.deep,in bottom of canon,800 ft. below ridge,course N. $25^{\circ}E.$

Asc.

80.00 Set a sandstone,18x12x4 ins.,12 ins.in the ground,for cor.of secs.29,30,31 and 32,mkd.with 1 notch on S.and 5 notches on E edges;and raise a mound of stone,2 ft. base, $1\frac{1}{2}$  ft.high,W.of cor.

Land, mountainous .

Soil,gravelly loam;2nd rate.

## Subdivision of T.6 S. R.9 W.-Continued.

- Chs. Good grass for grazing.  
Timber, pine and aspen.  
Mountainous land, 80.00 chs.
- 
- 40.00 N.  $89^{\circ} 52' E.$ , on a random line bet. secs. 29 and 32.  
Set temp.  $\frac{1}{4}$  sec. cor.
- 80.18 Intersect N. and S. line, 7 lks. N. of the cor. of secs.  
28, 29, 32, and 33.  
Thence I run  
S.  $89^{\circ} 55' W.$ , on a true line bet. secs. 29 and 32.  
Over mountainous land; through scattering timber and dense undergrowth.
- Desc.  
3.00 Leave timber, bears N. and S.  
14.00 Creek, 10 lks. wide, 3 ins. deep, in bottom of canon, 500 ft. below sec. cor., course N.  
Asc.  
35.00 Enter scattering timber, bears N. and S.  
40.09 Set a sandstone, 16x10x5 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
A cedar, 8 ins. dia., bears N.  $60^{\circ} W.$ , 134 lks.  
dist. mkd.  $\frac{1}{2}$  S 29 B T.  
A red pine, 12 ins. dia., bears S.  $58^{\circ} E.$ , 92 lks.  
dist. mkd.  $\frac{1}{2}$  S 32 B T.  
50.00 Top of ridge, 800 ft. above canon, bears N.  $20^{\circ} E.$  and S.  $20^{\circ} W.$   
Desc.  
78.00 Creek, 5 lks. wide, 3 ins. deep, in bottom of canon, 700 ft. below ridge, course N.  $30^{\circ} E.$   
Asc.  
80.18 The cor. of secs. 29, 30, 31, and 32.  
Land, mountainous.  
Soil, gravelly loam; 2nd rate.  
Timber, pine, aspen, and cedar.

## Subdivision of T 6 S R.9 W -Continued.

- Chs. Undergrowth, sage, deer, mahogany, and cherry brush.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
80.18 chs.
- 
- S.89° 52' W., on a random line bet. secs. 30 and 31  
40.0 Set temp.  $\frac{1}{4}$  sec. cor.  
77.90 Intersect W. bdy. of Tp., 18 lks. S. of the cor. of secs.  
25, 30, 31, and 36, heretofore described.  
Thence I run  
East, on a true line bet. secs. 30 and 31.  
Over mountainous land; through scattering timber.  
Desc.  
5.00 Enter heavy timber, bears N. and S.  
11.00 Old wood road, bears N. 80° W. and S. 80° E.  
17.00 Creek, 5 lks. wide, 6 ins. deep, in bottom of hollow, 600 ft.  
below sec. cor., course N. 30° E.  
Asc.  
26.00 Leave heavy and enter scattering timber, bears N. and S.  
37.90 Set a limestone, 18x14x3 ins., 12 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
A red pine, 6 ins. dia., bears N. 5° E., 20 lks.  
dist.. mkd.  $\frac{1}{4}$  S 30 B T.  
A red pine, 5 ins. dia., bears S. 60° W. 30 lks.  
dist.. mkd.  $\frac{1}{4}$  S 31 B T..  
50.50 Top of ridge, 800 ft. above hollow, bears N. 30° E. and S. 30°  
W.  
Desc.  
77.90 The cor. of secs. 29, 30, 31, and 32. (700 ft. below ridge)  
Land, mountainous.  
Soil, gravelly loam; 2nd rate.  
Timber, pine and aspen.  
Good grass for grazing.

## Subdivision of T. 6 S . R. 9 W -Continued

- Chs. Mountainous or heavily timbered land, 77.90 chs.  
 July 27, 1904: At this cor. I set off 19° 12' N., on the decl. arc; and at 0 h 2 m p.m., l.m.t., I observe the sun on the mer. the resulting lat. is 39° 56' N., which is the proper lat. nearly.
- N. 0° 3' W., bet. secs. 29 and 30.
- Over mountainous land; through scattering timber.
- Asc.
- 35.00 Top of ridge, 600 ft. above sec. cor. bears N. 60° E. and S. 60° W.
- Enter heavy timber, bears with ridge.
- Desc.
- 40.00 Set a sandstone, 18x8x4 ins., 12 ins. in the ground, for  $\frac{1}{2}$  sec. cor.. mkd.  $\frac{1}{2}$  on W. face; from which
- An aspen, 3 ins. dia., bears N. 30° E., 24 lks.  
 dist. mkd.  $\frac{1}{2}$  S. 29 B T.
- An aspen, 3 ins. dia., bears N. 84° W., 10 lks.  
 dist. mkd.  $\frac{1}{2}$  S. 30 B T.
- 51.50 Bottom of canon, 500. ft. below ridge, course N. 75° E. Creek, 5 lks. wide, 6 ins. deep, in bottom.
- This is west fork of Avintaquin Canon. Ascend.
- 54.00 Leave timber, bears N. 75° E. and S. 75° W.
- 80.00 Point 650 ft. above canon.
- Set a sandstone, 18x10x5 ins., 12 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, mkd. with 2 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.
- Land, mountainous.)
- Soil, gravelly ; 3rd rate.
- Timber, pine and aspen.
- Good grass for grazing.
- Mountainous or heavily timbered land, 80.00 chs.

## Subdivision of T.6 S. R.9 W.-Continued.

- Chs. N.  $89^{\circ} 55' E.$ , on a random line bet. secs. 20 and 29.
- 40.00 Set temp.  $\frac{1}{2}$  sec.cor.
- 80.16 Intersect N. and S. line, 2 lks. N. of cor. of secs. 20, 21, 28, and 29.  
Thence I run  
 $\checkmark$   
S.  $89^{\circ} 56' W.$ , on a true line bet. secs. 20 and 29.  
Over mountainous land; through scattering timber.  
Asc.
- 12.00 Top of ridge, 500 ft. above sec.cor., bears N. and S.  
Desc.
- 12.50 Enter heavy timber, bears N. and S.
- 33.75 Creek, 7 lks. wide, 8 ins. deep, in bottom of west fork of Avintaquin Canon, 500 ft. below ridge, course N.  $45^{\circ} E.$   
Asc.
- 34.00 Leave timber, bears NE and SW.
- 36.00 Enter scattering timber, bears NE and SE.
- 40.08 Set a sandstone, 18x11x4 ins., 12 ins. in the ground, for  $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.
- 76.00 Leave timber, bears N.  $30^{\circ} W.$  and S.  $30^{\circ} E.$
- 80.16 The cor. of secs. 19, 20, 29, and 30, (600 ft. above canon).  
Land, mountainous.  
Soil, gravelly; 3rd rate.  
Timber, pine and aspen.  
Good grass for grazing.  
Mountainous or heavily timbered land, 80.16 chs.

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West, on a random line bet. secs. 19 and 30.

- 40.00 Set temp.  $\frac{1}{2}$  sec.cor.
- 77.63 Intersect W. bdy. of Tp., 21 lks. S. of the cor. of secs. 19, 24, 25, and 30, heretofore described.  
Thence I run  
 $\checkmark$   
S.  $89^{\circ} 51' E.$ , on a true line bet. secs. 19 and 30.

## Subdivision of T 6 S .R 9 W -Continued

- chs. Over mountainous land; through heavy timber.  
 Asc.  
 5.00 Leave heavy and enter scattering timber, bears N.30° E. and S.30° W.  
 15.00 Top of spur, 150 ft. above sec.cor., bears N.30° E. and S.30° W.  
 Desc.  
 31.00 Enter heavy timber, bears N.25° E. and S.25° W.  
 34.00 Leave heavy and enter scattering timber, bears N. and S.  
 37.63 Set a limestone, 18x13x3 ins., 12 ins. in the ground, for  
 $\frac{1}{4}$  sec.cor.. mkd.  $\frac{1}{2}$  on N. face; from which  
 An aspen, 3 ins. dia. bears N.65° E., 35 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 19 B T.  
 A red pine, 10 ins. dia., bears S.15° E., 85 lks.  
 dist.. mkd.  $\frac{1}{2}$  S 30 B T.  
 40.25 Bottom of hollow, 350 ft. below ridge, course N.50° E.  
 Asc.  
 64.00 Top of ridge, 400 ft. above hollow, bears N.30° E. and S.  
 30° W.  
 Desc.  
 74.00 Leave timber, bears N. and S.  
 77.63 The cor.of secs.19,20,29, and 30.  
 Land, mountainous.  
 Soil, gravelly loam; 2nd rate.  
 Timber, pine and aspen.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, 77.63 chs.

July 27, 1904.

July 28, 1904: At 7 h. 3 m. a.m., l.m.t., I set off 39° 57' N., on the lat.arc; 19° 2' N., on the decl.arc; and determine a mer. with the solar at the cor.of secs.19,20,29, and 30.

Subdivision of T. 6 S., R. 9 W.-Continued.

- Chs. Thence I run  
N. 0° 3' W., bet. secs. 19 and 20.  
Over mountainous land.  
Asc.  
10.00 Top of ascent, 150 ft. above sec cor., bears NE. and SW.  
Thence over high rolling mesa.  
Enter dense undergrowth, bears NE. and SW.  
40.00 Set a limestone, 20x10x4 ins., 15 ins. in the ground, for  
sec. cor.. mkd.  $\frac{1}{2}$  on W. face; and raise a mound of stone,  
2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
65.00 Leave mesa, bears N. 50° E. and S. 50° W.  
Desc.  
80.00 Set a limestone, 18x12x3 ins., 12 ins. in the ground, for  
cor. of secs. 17, 18, 19, and 20, mkd. with 3 notches on S. and  
5 notches on E. edges; and raise a mound of stone, 2 ft. base,  
 $1\frac{1}{2}$  ft. high, W. of cor.  
Land, mountainous and rolling mesa.  
Soil, sandy and gravelly loam; 2nd rate.  
No timber.  
Undergrowth, sage and rabbit brush.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
80.00 chs.
- 
- N. 89° 56' E., on a random line bet. secs. 17 and 20.  
40.00 Set temp.  $\frac{1}{4}$  sec. cor.  
79.98 Intersect N. and S. line, 10 lks. S. of the cor. of secs.  
16, 17, 20, and 21.  
Thence I run, S. 89° 52' W. bet. secs. 17 and 20.  
Over mountainous land; through scattering timber.  
Asc.  
7.50 Top of ascent, 100 ft. above sec. cor., bears N. 20° E. and S. 20°  
W.  
Thence over high rolling mesa.

## Subdivision of T.6 S., R.9 W.-Continued.

- Chs. Leave timber and enter dense undergrowth, bears N. 20° E. and S. 20° W.
- 38.00 Leave mesa, bears N. 80° E. and S. 80° W.  
Leave undergrowth and enter scattering timber, bears N. 80° E. and S. 80° W.
- Desc.
- 39.99 Set a sandstone, 18x8x4 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec; cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
A red pine, 10 ins. dia., bears N. 71° E., 68 lks.  
dist.. mkd.  $\frac{1}{4}$  S 17 B T.  
A red pine, 10 ins. dia., bears S. 69° E., 72 lks.  
dist.. mkd.  $\frac{1}{4}$  S 20 B T.
- 44.00 Head of hollow, 200 ft. below mesa, course N. 15° E.  
Asc.
- 50.00 Top of ascent, 250 ft. above hollow, bears NW. and SE.  
Thence over high rolling mesa, through dense undergrowth.
- 72.00 Leave mesa, bears N. and S.  
Leave timber, bears N. and S.  
Desc.
- 79.98 The cor. of secs. 17, 18, 19, and 20. (250 ft. below mesa.)  
Land, mountainous and rolling mesa.  
Soil, gravelly loam and gravelly; 2nd and 3rd rate.  
Timber, pine and aspen.  
Undergrowth, sage and rabbit brush.  
Good grass for grazing.  
Mountainous land, or land covered with dense undergrowth,  
79.98 chs.
- 
- N. 89° 51' W., on a random line bet. secs 18 and 19.
- 40.00 Set temp.  $\frac{1}{4}$  sec. cor.
- 77.30 Intersect W. bdy. of Tp., 7 lks. N. of the cor. of secs. 13, 18, 19, and 24, heretofore described.  
Thence I run  
S. 89° 54' E., on a true line bet. secs. 18 and 19.

Corrections  
on Page 14

## Subdivision of T. 6 S. R. 9 W -Continued

- Chs. Over mountainous land; through heavy timber.
- Asc.
- 6.00 Leave heavy and enter scattering timber, bears N. and S.
- 22.50 Top of ridge, 400 ft. above sec. cor., bears N. and S.
- Desc.
- 23.50 Enter scattering undergrowth, bears N. and S.
- 30.00 Head of hollow, 200 ft. below ridge, course N. 60° E.
- Asc.
- 32.00 Enter heavy aspen timber, bears N. and S.
- 37.30 Set a sandstone, 18x14x3 ins., 10 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which  
 an aspen, 4 ins. dia., bears N. 45° E., 30 lks.  
 dist.. mkd.  $\frac{1}{4}$  S 18 B.T.  
 A balsam, 6 ins. dia., bears S. 60° W., 65 lks.  
 dist.. mkd.  $\frac{1}{4}$  S 19 B.T.
- 45.00 Top of ridge, 100 ft. above hollow, bears NE and SW.  
 Leave timber and enter dense undergrowth, bears NE and SW.  
 Desc. abruptly.
- 65.00 Bottom of hollow, 1200 ft. below ridge, course N. 20° E.  
 Asc. abruptly.
- 77.30 The cor. of secs. 17, 18, 19, and 20. (900 ft. above canon)  
 Land, mountainous..  
 Soil, gravelly; 3rd rate.  
 Timber, pine and aspen.  
 Undergrowth, sage, cherry, service berry, and deer brush.  
 Good grass for grazing.  
 Mountainous or heavily timbered land, or land covered  
 with dense undergrowth, 77.30 chs.
- July 28, 1904: At this cor. I set off 18° 58' N., on the decl.  
 arc; and at 0 h 2 m p.m., 1.m.t., I observe the sun on the  
 mer. the resulting lat. is 39° 58' N., which is the proper  
 lat. nearly.

## Subdivision of T.6 S., R.9 W.-Continued.

Chs.	
	N.0° 5'W., bet. secs. 17 and 18.
	Over mountainous land; through scattering undergrowth.
	Desc.
25.00	Bottom of canon, 1000 ft. below sec. cor., course N.80° E. Enter heavy timber, bears with canon.
	Asc.
27.00	Leave heavy and enter scattering timber, bears E. and W.
40.00	Top of spur, 800 ft. above canon, bears N.80° E. and S.80° W.  Set a sandstone, 14x14x5 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
	Desc.
53.25	Creek, 8 lks. wide, 8 ins. deep, in bottom of canon, 800 ft. below ridge, course N.75° E.
	Asc.
53.50	Leave timber, and enter dense willows, bears N.75° E. and S.75° W.
55.30	Leave willows, bears N.75° E. and S.75° W.
80.00	Set a sandstone, 22x9x3 ins., 16 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, mkd. with 4 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft high, W. of cor.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pine and aspen.
	Undergrowth, service berry, deer, abd sage brush, and willows.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

## Subdivision of T 6 S R 9 W -Continued.

Chs.	N. $89^{\circ} 52' E.$ , on a random line bet. secs. 8 and 17.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
<u>80.06</u>	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 8, 9, 16, and 17. Thence I run $\downarrow$ $S. 89^{\circ} 47' W.$ , on a true line bet. secs. 8 and 17. Over mountainous land; through dense undergrowth. Desc.
2.00	Bottom of hollow, 20 ft. below sec. cor., course S. $30^{\circ} E.$ Asc.
17.50	Enter heavy pine and aspen timber, bears N. and S.
25.00	Top of ridge, 400 ft. above hollow, bears N. and S. Desc.
27.00	Leave heavy and enter scattering timber, bears N. and S.
40.3	Set a sandstone, 14x8x5 ins., 9 ins. in the ground, for $\frac{1}{2}$ sec. cor.. mkd. $\frac{1}{2}$ on N. face; from which An aspen, 4 ins. dia. bears N. $30^{\circ} W.$ , 145 lks. dist.. mkd. $\frac{1}{2}$ S 8 B T. A red pine, 4 ins. dia., bears S. $60^{\circ} W.$ , 110 lks. dist.. mkd. $\frac{1}{2}$ S 17 B T.
44.00	Bottom of hollow, 400 ft. below ridge, course S. Asc.
<u>80.06</u>	The cor. of secs. 7, 8, 17, and 18. (1000 ft. above hollow). Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, aspen saplings, sage and deer brush. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.06 chs.

See Correc  
Notes PageSee Cor  
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Page 8See Cor  
Notes Page

## Subdivision of T.6 S., R.9 W.-Continued.

Chs.	July 28, 1904: At 7 h 2 m a.m., l.m.t., I set off $39^{\circ} 59' N.$ on the lat.arc; $18^{\circ} 48' N.$ on the decl.arc; and determine a mer. with the solar, at the cor. of secs. 7, 8, 17, and 18. Thence I run $N.88^{\circ} 54' W.$ , on a random line bet. secs. 7 and 18.
40.00	Set temp. & sec.cor.
78.96	Intersect W. bdy. of Tp., 16 lks. S. of the cor. of secs. 7, 12, 13, and 18., heretofore described. Thence I run $3.89^{\circ} 47' E.$ on a true line bet. secs. 7 and 18. Over mountainous land; through scattering undergrowth.
	Desc.
5.00	Enter scattering timber, bears NW and SE.
7.70	Creek, 10 lks. wide, 3 ins. deep, in bottom of canon, 250 ft. below sec.cor., course SE.
	Asc.
19.00	Top of spur, 200 ft. above creek, bears N. and S.
	Desc.
24.00	Bottom of hollow, 200 ft. below spur, course S.
	Asc.
38.06	Set a sandstone, 16x11x4 ins., 11 ins. in the ground, for sec.cor.. mkd. & on N. face; from which A pinon pine, 7 ins. dia. bears $N.5^{\circ} E.$ , 35 lks. dist.. mkd. & S 7 B T. A red pine, 30 ins. dia., bears $S.75^{\circ} W.$ , 350 lks. dist.. mkd. & S 18 B T.
39.70	Top of ridge, 400 ft. above hollow, bears N. and S.
	Desc.
53.70	Creek, 2 lks. wide, 2 ins. deep in bottom of hollow, 400 ft. below ridge, course SW.
	Asc.
69.00	Top of ridge, 500 ft. above hollow, bears NE and SW.
	Desc.
73.66	The cor. of secs. 7, 8, 17, and 18. (50 ft. below ridge.) Land, mountainous.

Subdivision of T 6 S R 9 W -Continued

Chs.	Soil, gravelly; 3rd rate. Timber, pine, aspen, and cedar. Undergrowth, sage and deer brush. Good grass for grazing. Mountainous land, 76.96 chs.
	N. 0° 3' W., bet. sec. 7 and 8.
	Over mountainous land; through dense undergrowth.
	Asc.
3.00	Enter heavy timber, bears E. and W.
10.00	Top of ridge, 100 ft. above sec. cor., bears N. 30° E. and S. 30° W.
	Continue ascent along side of ridge.
27.00	Leave timber, bears E. and W.
40.00	Set a sandstone, 15x14x4 ins., 10 ins. in the ground, for $\frac{1}{2}$ sec. cor. mkd. $\frac{1}{2}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
60.00	Top of ridge, 300 ft. above ridge, bears NW and SE.
	Desc.
64.00	Enter heavy timber, bears N. 70° W. and S. 70° E.
69.50	Leave timber and enter dense sage brush, bears N. 60° W. and S. 60° E.
80.00	Set a limestone, 16x11x3 ins., 11 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, mkd. with 5 notches on S., and E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	Timber, pine and aspen.
	Undergrowth, sage, mahogany, and deer brush.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered

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## Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.	with dense undergrowth, 80.00 chs.
	N. 89° 47' E., on a random line bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
<u>80.24</u>	Intersect N. and S. line, 21 lks. N. of the cor. of secs. 4, 5, 8, and 9. Thence I run <u>S. 89° 56' W.</u> , on a true line bet. secs. 5 and 8. Over mountainous land; through scattering timber. Desc.
10.00	Bottom of hollow, 200 ft., below sec. cor., course N. Enter heavy timber., bears with hollow. Asc.
13.50	Top of spur, 100 ft. above hollow, bears N. and S. Desc.
19.00	Bottom of hollow, 300 ft. below spur, course NE. Asc.
24.00	Enter scattering undergrowth, bears N. and S.
40.12	Set a sandstone, 24x12x5 ins., 18 ins. in the ground, for $\frac{1}{4}$ sec. cor.. mkd. $\frac{1}{4}$ on N. face; from which A red pine, 18 ins. dia., bears N. 60° E., 40 lks. dist.. mkd. $\frac{1}{4}$ S 5 B T. A red pine, 10 ins. dia. bears S. 30° W., 39 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
<u>80.24</u>	The cor. of secs. 5, 6, 7, and 8. (450 ft. above hollow,) Land, mountainous. Soil, gravelly loam; 2nd rate. Timber, pine and aspen. Undergrowth, sage and mahogany brush. Good grass for grazing. Mountainous or heavily timbered land, 80.24 chs. July 29, 1904: at the noon hour the sky is overcast and

Correcting  
for Page 9Correcting  
for Page 9

## Subdivision of T. 6 S., R. 9 W.-Continued.

Chs. solar observations are impossible.

N.  $89^{\circ} 47' W.$  on a random line bet. secs. 6 and 7.

40.00 Set temp.  $\frac{1}{4}$  sec. cor.

76.74 Intersect W. bdy. of Tp., 25 lks. N. of the cor. of secs. 1, 6, 7, and 12. heretofore described.

Thence I run

$S. 89^{\circ} 57' E.$ , on a true line bet. secs. 6 and 7.

Over mountainous land; through scattering timber.

Desc.

16.00 Enter heavy pine and aspen timber, bears N. and S.

24.00 Bottom of hollow, 200 ft. below sec cor., course S.  
asc.

27.00 Leave heavy and enter scattering timber and dense under-growth, bears N. and S.

36.74 Set a sandstone, 16x10x4 ins., 11 ins. in the ground, for  
 $\frac{1}{2}$  sec. cor.. mkd. & on N. face; dig pits, 18x18x12 ins., E. and  
W. of stone, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$   
ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.

37.00 Leave timber, bears N. and S.

37.25 Top of ridge, 350 ft. above hollow, bears N. and S.

Desc.

38.00 Enter scattering timber, bears N. and S.

72.00 Leave timber, bears N. and S.

76.74 The cor. of secs. 5, 6, 7, and 8.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, pine and aspen.

Undergrowth, sage, service berry, cherry, and deer brush.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered  
with dense undergrowth, 76.74 chs.

In Cor  
rector N.  
Page 10

## Subdivision of T. 6 S., R. 9 W. -Continued.

Chs.	N. $0^{\circ} 3' W.$ , on a random line bet. secs. 5 and 6.
40.00	Set temp. $\frac{1}{4}$ sec.cor.
79.75	Intersect N.bdy.of Tp., 12 lks. S. $89^{\circ} 58' W.$ , of the cor.of secs. 5, 6, 31, and 32, heretofore described. Thence I run <u>S.<math>0^{\circ} 2' W.</math></u> , on a true line bet. secs. 5 and 6. Over mountainous land; through dense undergrowth. Desc.
10.00	Enter heavy timber, bears E. and W.
11.50	Bottom of hollow, 250 ft. below sec.cor., course E. Creek, 1 lk. wide, 1 in. deep, in bottom. Asc.
39.75	Set a limestone, 16x12x4 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec.cor.. mkd. $\frac{1}{2}$ on W. face; from which An aspen, 3 ins. dia., bears S. $5^{\circ} E.$ , 38 lks. dist.. mkd. $\frac{1}{2}$ S 5 B T. An aspen, 4 ins. dia., bears S. $75^{\circ} W.$ , 115 lks. dist.. mkd. $\frac{1}{2}$ S 6 B T.
44.00	Leave heavy timber, bears E. and W.
50.00	Top of ridge, 350 ft. above hollow, bears E. and W. Desc.
61.00	Enter heavy timber, bears N. $30^{\circ} W.$ and S. $30^{\circ} E.$
62.00	Leave timber, bears N. $30^{\circ} W.$ and S. $30^{\circ} E.$
73.00	Bottom of hollow, 500 ft. below ridge, course N. $80^{\circ} E.$ Enter heavy timber, bears N. $80^{\circ} E.$ and S. $80^{\circ} W.$ Asc.
77.00	Leave timber, bears E. and W.
79.75	The cor.of secs. 5, 6, 7, and 8. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, sage, and mahogany . Good grass for grazing.

In Cor.  
active Notes  
page 10

In Cor.  
active Notes  
page 10

Subdivision of T. 6 S., R. 9 W.-Continued.

Chs. Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.75 chs.

July 29, 1904.

GENERAL DESCRIPTION.

This township is mountainous, being cut up by numerous deep canons and hollows.

The soil, is generally sandy and gravelly 3rd rate; with the exception of some of the ridges and hollows in the southern and western part of the township which is generally gravelly; 3rd rate.

Timber, pinon pine, aspen, and red pine and cedar.

There is a good deal of sage brush, deer brush, aspen saplings, and service berry and mahogany brush in the southern part of the township.

The township is exceptionally well watered by the numerous branches of Avintaquin Canon Creek.

The township is very well adapted for grazing purposes on account of the abundance of good water and also the abundance of good grass which is all over the township.

There are no settlers in the township.

There is no mineral in the township.

Clarence S. Janis,  
U.S. Deputy Surveyor.

July 29, 1904.

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## BOOK A-320

## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by

United States Deputy Surveyor, to assist in running, measuring, and

marking the lines and corners described in the foregoing field notes of the survey of

showing the respective capacities in which they acted:

, Chainman.

, Chainman.

, Moundman.

For final affidavits see book "Z" T.6 S.R.11 W.

, Moundman.

, Axman.

, Axman.

, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

United States Deputy Surveyor, in surveying all

those parts or portions of the

of the

meridian, of , which are represented  
in the foregoing field notes as having been surveyed by him and under his direction; and that said survey  
has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the  
corner monuments established, according to the instructions furnished by the United States Surveyor

General for

, Chainman.

For final affidavits see book "Z" T.6 S.R.11 W.

, Chainman.

, Moundman.

, Moundman.

, Axman.

, Axman.

, Flagman.

Subscribed and sworn to before me this }  
day of , 189 }



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from United States Surveyor General for \_\_\_\_\_, bearing date of \_\_\_\_\_ day of \_\_\_\_\_, 189\_\_\_\_\_, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of

For final affidavits see book "Z" T.6 S.R.11 W.

of the  
meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

*United States Deputy Surveyor*

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 189 }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, November 3, 189\_\_\_\_

The foregoing field notes of the survey of the subdivisional lines of Township No. 6 South, Range No. 9 West of the Uintah Special Base and Meridian, Utah,

executed by Scott P. Stewart and Clarence S. Jarvis  
under his contract No. 281, dated July 22, 1903, \_\_\_\_\_, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*United States Surveyor General*

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

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4-679.

14

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44

BOOK A-320

CORRECTIVE FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

of

Township No. 6 South, Range No. 9 West

Of the UNTAH SPECIAL BASE AND Meridian,

STATE OF UTAH.

AS SURVEYED BY

Scott P. Stewart and Clarence S. Jarvis, United States Deputy Surveyors  
Under ~~the~~ Contract No. 281, dated July 22, 1903, 1903

Survey commenced May 27, 1905., 1905

Survey completed May 29, 1905., 1905

## NAMES AND DUTIES OF ASSISTANTS.

John Kienke Chainman

Archie Walton Chainman

George W. Ekins Moundman

Quinby Stewart Moundman

John P. Madsen Axman

Richard Skousen Axman

Wm. Burridge Flagman

*For full names of officers see Book 3 p. 55 R. & O.*

## BOOK A-320

## INDEX DIAGRAM.

*Township 6 South, Range 9 West.*

6	10	5	4	3	2	5	1
10		9			7		5
7	8	6	0	10	11	5	12
		8	13	12	12	6	4
18		17	13	10	12	14	3
	14	13	13	11		6	5
19		20		21	11	23	24
					11		
30		29		28	27	26	25
31		32		33	34	35	36

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## PRELIMINARY OATHS OF ASSISTANTS.

WE, ..... and .....

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will lay chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assay measuring, to the best of our skill and ability, and in accordance with instructions given us, in the .. .

, Chain

, Chain

Subscribed and sworn to before me this .....

day of ....., 190 }



WE, ..... and .....

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the surv

, Mound

, Mound

Subscribed and sworn to before me this .....

day of ....., 190 }



WE, ..... and .....

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the surv

, Ax

, Ax

Subscribed and sworn to before me this .....

day of ....., 190 }



I, ..... , do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, .. survey of .....

, Flag

Subscribed and sworn to before me this .....

day of ....., 190 }



## Corrective Notes of

Subdivision of T. & S. R. R. W.

Survey commenced May 27, 1905, and executed with a Young and Sons light mountain transit, No. 7381, with solar attachment. The horizontal limb is proved with two double verniers placed opposite to each other, reading to single minutes of arc; which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined, tested on the meridian, at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on April 1, 1905.

I examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications resulting from solar observations made during p.m. and a.m. hours, with a meridian established by observation on Polaris; I proceed as follows:

At the cor. of secs. 23, 24, 25, and 26, latitude  $39^{\circ} 56' 45''$  N., longitude  $110^{\circ} 54' 10''$  W., I set off  $39^{\circ} 57'$  N., on the lat. arc;  $21^{\circ} 20'$  N., on the decl. arc; and at 5 h 3 m p.m., l.m.t., I determined a meridian with the solar and mark a point thereof on a stone firmly set, in the ground, 5.00 chs.N. of the cor.

May 27, 1905.

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May 28, 1905: At 3 h 08 m a.m., l.m.t., I observe Polaris at eastern elongation, in accordance with the Manual, and mark the line thus determined, on a peg driven in the ground, 5.00 chs.N. of the cor.

At 6 h 30 m a.m., l.m.t., I lay off the azimuth of Polaris  $1^{\circ} 34'$  to the west, and mark the meridian, thus determined by cutting a small groove in the stone already set 5.00 chs.N. of the cor.; this mark falls 0.4 ins. east of the meridian determined with the solar.

At 7 h 3 m a.m., l.m.t., I set off  $39^{\circ} 57'$  N., on the lat. arc;

## Corrective Notes of

Subdivision of T.6 S., R.9 W.-Continued.

$21^{\circ} 26' N.$ , on the decl. arc; and mark the meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of the cor.; this mark falls, 29 ins. east of the meridian established by Polaris observation.

The solar apparatus by p.m. and a.m. observations defines positions for meridians respectively about  $0^{\circ} 21'$  west and  $0^{\circ} 15'$  east of the meridian established by Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the meridian, at 7 h 20 m a.m., is NN. $16^{\circ} 44' W.$ , the angle thus determined gives the mag. decl. $16^{\circ} 44' E.$

From the cor. of secs. 23, 24, 25, and 26, heretofore described.

I run

N. $0^{\circ} 1' W.$ , bet. secs. 23 and 24.

40.20 Fall 10 lks. W. of  $\frac{1}{4}$  sec. cor., bet. secs. 23 and 24.

I move the cor. 20 lks. South and 10 lks. W. and

Set a limestone, 16x10x3 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which

A red pine, 17 ins. dia., bears N. $50^{\circ} 10' W.$ , 127 lks. dist.. mkd.  $\frac{1}{4}$  S. 23° B T.

No other trees within limits; raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

80.42 Fall 5 lks. W. of cor. of secs. 13, 14, 23, and 24.

I move the cor. 42 lks. S. and 5 lks. W. and

Set a sandstone, 18x9x4 ins., 12 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, mkd. with 4 notches on S. and 1 notch on E. edges; from which

A pinon pine, 24 ins. dia., bears S. $32^{\circ} E.$ , 100 lks. dist.. mkd. T 6 S R 9 W S  $\frac{24}{24}$  B T.

A pinon pine, 20 ins. dia., bears S. $76^{\circ} 40' W.$ ,

## Corrective Notes of

Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.

128 lks.dist..mkd.T 6 S R 9 W S 23 B T.

A pinon pine, 24 ins.dia., bears N.57°50'W.,

139 lks.dist..mkd.T 6 S R 9 W S 14 B T.

No other trees within limits; raise a mound of stone, 2 ft  
base, 1½ ft. high, W.of cor.

Note:I destroy all trace of the old cor.

Note:There is no change in topography on this line.

S.89°48'E., on a random line betsecs.13 and 24.

40.00 Fall 50 lks.S.of the ¼ sec.cor.betsecs.13 and 24.

79.90 Intersect E.bdy.of Tp., 17 lks.S.of the cor.of secs.  
13,18,19, and 24.

Thence I run

N.89°55'W., on a true line betsecs.13 and 24.

39.95 Set a limestone, 15x15x4 ins., 10 ins.in the ground, for  
¼ sec.cor..mkd.⅓ on N.face; from whichA pinon pine, 8 ins.dia., bears N.8°E., 67 lks.  
dist..mkd.⅓ S 13 B T.A pinon pine, 11 ins.dia., bears S.3°30'E , 79  
lks.dist..mkd.⅓ S 24 B T.

79.90 Note:I destroy all traces of the old cor.

The cor.of secs.13,14,23, and 24.

Note:No change in topography on this line.

N.0°1'W.,betsecs.13 and 14.

39.75 Fall 30 lks. E.of ¼ sec.cor.betsecs.13 and 14.

I move the cor.30 lks.E.and 25 lks.N.and

Set a sandstone, 20x12x8 ins., 15 ins.in the ground, for  
¼ sec.cor.,mkd.⅓ on W.face; and raise a mound of stone,  
2 ft.base, 1½ ft. high, W.of cor.

Note:I destroy ali traces of the old cor.

## Corrective Notes of

## Subdivision of T.6 S., R.9 W.-Continued.

Chs.	
79.90	<p>Fall 30 lks.E.of the cor.of secs.11,12,13, and 14.  I move the cor.30 lks.E. and 10 lks.N.  Set a limestone, 18x10x3 ins., 12 ins.in the ground, for  cor.of secs.11,12,13, and 14,mkd.with 4 notches on S., and  1 notch on E.edges; from which  A cedar, 6 ins.dia., bears N.<math>46^{\circ}5'E.</math>, 21 lks.  dist..mkd.T 6 S R 9 W S 12 B T.  A pinon pine, 7 ins.dia., bears S.<math>41^{\circ}50'E.</math>, 85  lks.dist..mkd.T 6 S R 9 W S 13 B T.  A cedar, 6 ins.dia., bears S.<math>22^{\circ}50'W.</math>, 112 lks.  dist..mkd. T.6 S R 9 W S 14 B T.  A cedar, 8 ins.dia.,vears N.<math>59^{\circ}30'W.</math>, 18 lks.  dist..mkd.T 6 S R 9 W S 11 B T.  Note : I destroy all traces of the old cor.  Note :There is no change in topography on this mile.</p>
40.15	S. $80^{\circ}58'E.$ ,on a random line bet:secs.12 and 13.
80.16	Fall 20 lks.S.of $\frac{1}{4}$ sec.cor.bet.sec.12 and 13.
	Intersect E.bdy.of Tp.,20 lks.N.of the cor.of secs. 7,12, 13, and 18.
	Thence I run
	N. $89^{\circ}57'W.$ ,on a true line bet.secs.12 and 13.
40.08	Set a limestone, 18x10x3 ins., 12 ins.in the ground, for $\frac{1}{4}$ sec.cor..mkd. $\frac{1}{4}$ on N.face;and raise a mound of stone, 2 ft .base, $1\frac{1}{2}$ ft.high,N.of cor.
	Note I destroy all traces of the old cor.
80.16	The cor.of secs.11,12,13, and 14.
	Note:There is no change in topography on this mile.
	May 28,1905:At this cor.I set off $21^{\circ}27'N.$ ,on the decl. arc;and at 11 h.57m.a.m.,1.m.t.,I observe the sun on the meridian,the resulting lat.is $39^{\circ}59'N.$ ,which is the proper lat.nearly.

## Corrective Notes of

Subdivision of T-6-S R 9-W -Continued.

- Chs. N.0° 1'W., bet. secs. 11 and 12.
- 40.00 Fall 20 lks.E.of  $\frac{1}{4}$  sec.cor.betsecs.11 and 12.  
I move the cor. 20 lks.E.and  
Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for  
 $\frac{1}{4}$  sec.cor.. mkd.  $\frac{1}{4}$  on W.face; and raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, W.of cor.  
Note: I destroy all traces of the old cor.
- 80.00 Fall 16 lks.E.of cor.of secs. 1, 2, 11, and 12.  
I move the cor. 16 lks.E.and  
Set a sandstone, 18x10x4 ins., 12 ins. in the ground, for  
cor.of secs. 1, 2, 11, and 12, mkd. with 5 notches on S.and  
1 notch on E.edges; and raise a mound of stone, 2 ft. base,,  
1 $\frac{1}{2}$  ft. high, W.of cor.  
Note: I destroy all traces of the old cor.  
Note: There is no change in topography on this line.

N.89° 59' E., on a random line bet. secs. 1 and 12.

- 40.13 The  $\frac{1}{4}$  sec.cor.betsecs.1 and 12, on line.
- 80.26 Intersect E.bdy.of Tp., at the cor.of secs. 1, 6, 7, and 12.  
Thence I run  
S.89° 59' W., on a true line bet. secs. 1 and 12.
- 40.13 The  $\frac{1}{4}$  sec.cor.betsecs.1 and 12. on line.
- 80.26 The cor.of secs. 1, 2, 11, and 12.  
Note: There is no change in topography on this line.

N.0° 3' W., on a random line bet. secs. 1 and 2.

- 40.00 Fall 20 lks.E.of  $\frac{1}{4}$  sec.cor.
- 79.90 Intersect N.bdy.of Tp., at the corner of sections cor.  
of secs. 1, 2, 35, and 36.  
Thence I run

## Corrective Notes of

## Subdivision of T. 6 S., R. 9 W. -Continued.

- Chs. S.0°3'W., on a true line bet. secs. 1 and 2.
- 39.90 Set a sandstone, 24x20x6 ins., 18 ins. in the ground, for  $\frac{1}{4}$  sec.cor.. mkd.  $\frac{1}{4}$  on W. face; from which  
 A pinon pine, 20 ins. dia., bears N. 77° 30'E.,  
 282 lks. dist.. mkd.  $\frac{1}{4}$  S. 1 B. T.  
 A pinon pine, 14 ins. dia., bears N. 82° 20'W., 132  
 lks. dist.. mkd.  $\frac{1}{4}$  S. 2 B. T.  
 And raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.  
 Note: I destroy all traces of the old cor.
- 79.90 The cor. of secs. 1, 2, 11, and 12.  
 Note: There is no change in the topography on this mile.
- 
- From the cor. of secs. 14, 15, 22, and 23, heretofore described,  
 I run  
 N. 89° 57'E., on a random line bet. secs. 14 and 23.
- 40.04 Fall 5 lks. N. of the  $\frac{1}{4}$  sec.cor. bet. secs. 14 and 23.
- 80.10 Intersect N. and S. line, 21 lks. N. of the cor. of secs. 13, 14, 23, and 24.
- Thence I run  
 N. 89° 54'W., on a true line bet. secs. 14 and 23.
- 40.05 Set a sandstone, 18x12x6 ins., 12 ins. in the ground, for  $\frac{1}{4}$  sec.cor.. mkd.  $\frac{1}{4}$  on N. face; and raise a mound of stone, 2 ft. base,  $1\frac{1}{2}$  ft. high, N. of cor.  
 Note: I destroy all traces of the old cor.
- 80.10 The cor. of secs. 14, 15, 22, and 23.  
 Note: There is no change in topography on this mile.
- 
- From the cor. of secs. 10, 11, 14, and 15, heretofore described,  
 I run

## Corrective Notes of

Subdivision of T. 6 S. R. 9 W. - Continue.

- Chs. N.89° 56'E., on a random line bet. secs. 11 and 14.  
 40.09 Intersect at the  $\frac{1}{2}$  sec.cor. bet. secs. 11 and 14.  
 80.14 Intersect N. and S. line, 34 lks. N. of the cor. of secs. 11, 12, 13, and 14.  
 Thence I run  
 N.89° 49'W., on a true line bet. secs. 11 and 14.  
 40.07 Set a limestone, 14x10x4 ins., 9 ins. in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{4}$  on N. face; dig pits, 18x18x12 ins., E. and  
 W. of stone, 3 ft. dist.; and raise a mound of earth, 3 $\frac{1}{2}$  ft.  
 base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
 Note: I destroy all traces of the old cor.  
 80.14 The cor. of secs. 10, 11, 14, and 15.  
 Note: There is no change in topography on this mile.

From the cor. of secs. 2, 3, 10, and 11, which is described  
 as follows:

Sandstone, 18x9x4 ins., 12 ins. in the ground, from which  
 A pinon pine, 20 ins. dia., bears S.45° 30'W.,  
 30 lks. dist., mkd T 6 S R 9 W S 10 B T

No other trees within limits; raise a mound of stone,  
 2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

Thence I run

N.89° 54'E., on a random line bet. secs. 2 and 11.

- 40.04 Intersect at the  $\frac{1}{2}$  sec.cor. bet. secs. 2 and 11.  
 80.08 Intersect N. and S. line, 16 lks. N. of cor. of secs. 1, 2, 11, and 12.  
 Thence I run  
 N.89° 59'W., on a true line bet. secs. 2 and 11.  
 40.04 Set a sandstone, 16x11x4 ins., 11 ins. in the ground, for  
 $\frac{1}{2}$  sec.cor.. mkd.  $\frac{1}{4}$  on N. face; and raise a mound of stone,  
 2 ft. base, 1 $\frac{1}{2}$  ft. high, N. of cor.  
 Note: I destroy all traces of the old cor.  
 80.08 The cor. of secs. 2, 3, 10, and 11.  
 Note: There is no change in topography on this mile.

## Corrective Notes of

## Subdivision of T.6 S., R.9 W.-Continued.

Chs.

May 28, 1905.

May 29, 1905. At 7 h 0 m a.m., l.m.t., I set off  $39^{\circ} 59' N.$ , on the lat.arc;  $21^{\circ} 36' N.$ , on the decl.arc; and determine a meridian with the solar, at the cor.of secs. 7, 8, 17, and 18., which is a sandstone,  $22 \times 9 \times 3$  ins., 16 ins.in the ground, from which

A red pine, 14 ins.dia., bears  $N. 35^{\circ} 15' E.$ , 263 lks.dist.. mkd.T 6 S R 9 W S 8 B T.  
A red pine, 30 ins.dia., bears  $N. 35^{\circ} W.$ , 312 lks.dist.. mkd.T 6 S R 9 W S 7 B T.

No other trees within limits; raise a mound of stone, 2 ft.base,  $1\frac{1}{2}$  ft.high, W.of cor.

Thence I run

$N. 89^{\circ} 47' E.$ , on a random line betsecs. 8 and 17.

39.90 Intersect at the  $\frac{1}{4}$  sec.cor.betsecs. 8 and 17.

80.20 Intersect N.and S.line, at the cor.of secs. 8, 9, 16, and 17  
Thence I run

$S. 89^{\circ} 47' W.$ , on a true line betsecs. 8 and 17.

40.10 Set a sandstone,  $14 \times 8 \times 5$  ins., 9 ins.in the ground, for  $\frac{1}{2}$  sec.cor.., mkd.  $\frac{1}{2}$  on N.face; from which

An aspen, 4 ins.dia., bears  $N. 27^{\circ} W.$ , 161 lks. dist.. mkd.  $\frac{1}{2}$  S 8 B T.

A red pine, 4 ins.dia., bears  $S. 75^{\circ} W.$ , 148 lks. dist.. mkd.  $\frac{1}{2}$  S 17 B T.

Note:I destroy all traces of the old cor.

80.20 The cor.of secs. 7, 8, 17, and 18.

Note:There is no change in topography on this mile.

$N. 0^{\circ} 3' W.$ , betsecs. 7 and 8.

40.00 The  $\frac{1}{2}$  sec.cor.betsecs. 7 and 8, on line.

## Corrective Notes of

Subdivision of T 6 S R 9 W - Continued

Chs.

- 80.30 Fall 75 lks. East of the cor. of secs. 5, 6, 7, and 8.  
 I move the cor. 75 lkd. East and 30 lks. S. and  
 Set a limestone, 16x11x3 ins., 11 ins. in the ground, for  
 cor. of secs. 5, 6, 7, and 8, mkd. with 5 notches on S., and E.  
 edges; dig pits, 18x18x12 ins. in each sec., 5  $\frac{1}{2}$  ft. dist.;  
 and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.  
 Note: I destroy all traces of the old cor.  
 Note: There is no change in the topography on this mile.

N. 89° 56' E., on a random line bet. secs. 5 and 8.

- 39.70 Fall 15 lks. S. of the  $\frac{1}{4}$  sec. cor., bet. secs. 5 and 8.  
 79.90 Intersect N. and S. line, 15 lks. S. of the cor. of secs.  
 4, 5, 8, and 9, which is correctly described as follows:  
 Same stone, from which

A red pine, 6 ins. dia., bears N. 50° E., 332  
 lks. dist., mkd. T 6 S R 9 W S 4 B T.

An aspen, 4 ins. dia., bears S. 27° 30' E., 70  
 lks. dist., mkd. T 6 S R 9 W S 9 B T.

No other trees within limits; raise a mound of stone,  
 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

Thence I run

S. 89° 50' W., on a true line bet. secs. 5 and 8.

- 39.95 Set a sandstone, 22x10x5 ins., 16 ins. in the ground, for  
 $\frac{1}{4}$  sec. cor., mkd.  $\frac{1}{4}$ , on N. face; from which

An aspen, 4 ins. dia., bears N. 80° W., 13 lks.  
 dist., mkd.  $\frac{1}{4}$  S 5 B T.

An aspen, 5 ins. dia., bears S. 18° 45' E., 12  
 lks. dist., mkd.  $\frac{1}{4}$  S 8 B T.

Note: I destroy all traces of the old cor.

- 79.90 The cor. of secs. 5, 6, 7, and 8.

Note: There is no change in topography on this mile.

Corrective Notes of  
Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.

N. 89° 57' W., on a random line bet. secs. 6 and 7.

40.20 Fall 12 lks. N. of the  $\frac{1}{4}$  sec. cor. bet. secs. 6 and 7.

76.74 Intersect W. bdy. of Tp., at the cor. of secs. 1, 6, and 7 and 12.

Thence I run

S. 89° 57' E., on a true line bet. secs. 6 and 7.

36.74 Set a sandstone, 16x8x5 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on N. face; from which

An aspen, 4 ins. dia., bears S. 11° E., 148 lks.  
dist.. mkd.  $\frac{1}{4}$  S 7 B T.

An aspen, 4 ins. dia., bears N. 52° 40' E., 71 lks.  
dist.. mkd.  $\frac{1}{4}$  S 6 B T.

Note : I destroy all traces of the old cor.

76.74 The cor. of secs. 5, 6, 7, and 8.

Note: There is no change in the topography on this line.

N. 0° 2' E., on a random line bet. secs. 5 and 6.

40.50 Fall 125 lks. E. of  $\frac{1}{4}$  sec. cor. bt. secs. 5 and 6.

79.75 Intersect N. abdy. of Tp., 18 lks. N. 89° 58' E., of the cor. of secs. 5, 6, 31, and 32.

Thence I run

S. 0° 6' E., on a true line bet. secs. 5 and 6.

39.75 Set a sandstone, 16x10x3 ins., 11 ins. in the ground, for  $\frac{1}{4}$  sec. cor.. mkd.  $\frac{1}{4}$  on W. face; from which

An aspen, 5 ins. dia., bears S. 74° 50' E., 59 lks. dist.. mkd.  $\frac{1}{4}$  S 5 B T.

An aspen, 4 ins. dia., bears S. 62° 40' W., 96 lks.  
dist.. mkd.  $\frac{1}{4}$  S 6 B T.

Note: I destroy all traces of the old cor.

79.75 The cor. of secs. 5, 6, 7, and 8.

Note: There is no change in the topography on this mile.

## Corrective Notes of

Subdivision of T. 6 S., R. 9 W.-Continued

Chs.

Note: In re-visiting the corners in this township some of the descriptions to corners were found to be inaccurate: The correct descriptions to those corners are as follows:

May 29, 1905: At the noon hour the sky is overcast and solar observations are impossible.

For the cor. of secs. 21, 22, 27, and 28,

Same stone, from which

A cedar, 6 ins. dia., bears N. 81° E., 184 lks.

dist.. mkd. T 6 S R 9 W S 22 B T.

An aspen, 3 ins. dia., bears S. 15° 10' E., 59 lks.

dist.. mkd. T 6 S R 9 W S 27 B T.

An aspen, 3 ins. dia., bears S. 61° W., 161 lks.

dist.. mkd. T 6 S R 9 W S 28 B T.

An aspen, 3 ins. dia., bears N. 9° 30' W., 118 lks.

dist.. mkd. T 6 S R 9 W S 21 B T.

For the ~~4~~ sec. cor. bet. secs. 21 and 22.

Same stone, from which

An aspen, 4 ins. dia., bears S. 29° E., 61 lks.

dist.. mkd.  $\frac{1}{4}$  S 22 B T.

An aspen, 3 ins. dia., bears S. 47° W., 49 lks.

dist.. mkd.  $\frac{1}{4}$  S 21 B T.

For the cor. of secs. 15, 16, 21, and 22.

Same stone, from which

An aspen, 3 ins. dia., bears N. 34° 50' E., 24 lks.

dist.. mkd. T 6 S R 9 W S 15 B T.

An aspen, 3 ins. dia., bears S. 75° 30' E., 19 lks

dist.. mkd. T 6 S R 9 W S 22 B T.

An aspen, 3 ins. dia., bears S. 46° 10' W. 37 lks.

## Corrective Notes of

Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.

dist..mkd.T 6 S R 9 W S 21 B T.

An aspen, 3 ins.dia. bears N.67°10'W., 61 lks.

dist..mkd.T 6 S R 9 W S 16 B T.

For the  $\frac{1}{4}$  sec.cor.betsecs.15 and 16.

Same stone, from which

A red pine, 14 ins dia., bears N.36°40'E., 152  
lks.dist..mkd. $\frac{1}{4}$  S 15 B T.A red pine, 14 ins.dia., bears N.23°30'W., 314  
lks.dist..mkd. $\frac{1}{4}$  S 16 B T.

For the cor.of secs: 9,10,15, and 16.

Same stone, from which

A red pine, 5 ins.dia., bears N.56°E. 49 lks.  
dist..mkd.T 6 S R 9 W S 10 B T.A red pine, 12 ins.dia., bears S.9°30'E., 127  
lks.dist..mkd.T 6 S R 9 W S 15 B T.A red pine, 10 ins.dia., bears S.66°W., 146  
lks.dist..mkd.T 6 S R 9 W S 16 B T.A cottonwood 12 ins.dia., bears N.42°W., 75  
lks.dist..mkd.T 6 S R 9 W S 9 B T.For the  $\frac{1}{4}$  sec.cor.betsecs.10 and 15.

Same stone, from which

A pinon pine, 8 ins.dia., bears N.46°10'W., 103  
lks.dist..mkd. $\frac{1}{4}$  S 10 B T.A cedar, 6 ins.dia., bears S.22°15'W., 78 lks.  
dist..mkd. $\frac{1}{4}$  S 15 B T.

## Corrective Notes of

Subdivision of T. 6 S., R. 9 W.-Continued.

Chs.

For the cor. of secs. 16, 17, 20, and 21.

Same stone, from which

A pinon pine, 26 ins. dia., bears N. 28° 20' E., 192  
lks. dist. . mkd. T 6 S R 9 W S 16 B T.

No other trees within limits; raise a mound of stone,  
2 ft. base, 1 $\frac{1}{2}$  ft. high, W. of cor.

For the  $\frac{1}{2}$  sec cor., bet. secs. 16 and 21.

Same stone, from which

.. red pine, 6 ins. dia., bears N. 24° E. 187 lks.  
dist. . mkd.  $\frac{1}{4}$  S 16 B T.

A red pine, 8 ins. dia., bears S. 15° L., 40 lks.  
dist. . mkd.  $\frac{1}{2}$  S 21 B T.

For the  $\frac{1}{2}$  sec. cor. bet. secs. 16 and 17.

Same stone, from which

A red pine, 6 ins. dia., bears S. 80° E., 40 lks.  
dist. . mkd.  $\frac{1}{2}$  S 16 B T.

A red pine, 10 ins. dia., bears N. 55° W., 64 lks.  
dist. . mkd.  $\frac{1}{2}$  S 17 B T.

For the  $\frac{1}{2}$  sec. cor. bet. secs. 9 and 16.

Same stone, from which

A pinon pine, 36 ins. dia., bears N. 0° 30' E., 120  
lks. dist. . mkd.  $\frac{1}{2}$  S 9 B T.

A pinon pine, 8 ins. dia., bears S. 10° 30' E., 96  
lks. dist. . mkd.  $\frac{1}{2}$  S 16 B T.

## Corrective Notes of

Subdivision of R. C. R. & W. Continued

For the  $\frac{1}{4}$  sec.cor. betsecs.17 and 20.

Same stone, from which

A red pine, 12 ins. dia., bears S. 62° E., 122 lkr.  
dist.. mkd.  $\pm$  S 20 E T.

No other trees within limits; raise a mound of stone, 2 ft  
base,  $1\frac{1}{2}$  ft. high, N. of cor.

May 29, 1905.

*Scott P. Stewart*  
U.S. Deputy Surveyor.

## FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

## LIST OF NAMES.

A list of the names of the individuals employed by \_\_\_\_\_, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of \_\_\_\_\_, showing the respective capacities in which they acted:

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Moundman.

*Fa final affidavit see book 22, p. 55, Pt. 2 W.*, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted \_\_\_\_\_, United States Deputy Surveyor, in surveying all those parts or portions of the \_\_\_\_\_

of the \_\_\_\_\_

meridian, \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for \_\_\_\_\_

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Chainman.

\_\_\_\_\_, Moundman.

*Fa final affidavit see book 22, p. 55, Pt. 2 W.*, Moundman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to before me this \_\_\_\_\_  
day of \_\_\_\_\_, 190 \_\_\_\_\_



## FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, \_\_\_\_\_, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from \_\_\_\_\_ United States Surveyor General for \_\_\_\_\_, bearing date of the \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for \_\_\_\_\_, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of \_\_\_\_\_

*To final affidavit see book 22, p 55 P 12 Pt*  
of the \_\_\_\_\_  
meridian, in the \_\_\_\_\_ of \_\_\_\_\_, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for \_\_\_\_\_ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

United States Deputy Surveyor.

Subscribed by said \_\_\_\_\_, and sworn to before me }  
this \_\_\_\_\_ day of \_\_\_\_\_, 190\_\_\_\_\_ }



## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

*Scott P. Stewart July 29, 1903*  
*Surveyor*  
The foregoing field notes of the survey of *The Subdivisions of Township*  
*6th Range of West of the District Specific Base and*  
*Meridians, Dela.*

executed by *Scott P. Stewart and Lorenzo J. Harris*  
*they* under his contract No. 281, dated *July 29*, 1903, having been  
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

*Edward H. Alderson*  
United States Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in \_\_\_\_\_, has been correctly copied from the original notes on file in this office.

United States Surveyor General.